

Powder Diffraction File™

Alphabetical Indexes for Experimental Patterns

Inorganic Phases

Sets 1-52

Alphabetical Index
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Mineral Classification Index
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Zeolite and Molecular Sieve Index
Metals and Alloys Common Names Index
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International Centre for Diffraction Data



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Powder Diffraction File

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**Alphabetical Indexes
for Experimental Patterns**

Inorganic Phases

Sets 1-52

Compiled by the International Centre for Diffraction Data in cooperation with:

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American Crystallographic Association
American Society for Testing and Materials
Australian X-Ray Analytical Association
British Crystallographic Association
The Ceramic Society of Japan
The Clay Minerals Society
Deutsche Gesellschaft für Kristallographie
Deutsche Mineralogische Gesellschaft
The Institute of Physics
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Mineralogical Society of Great Britain and Ireland
Société Française de Minéralogie et de Cristallographie


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CAS#

00-18-2
34-21-0
68-88-8
68-82-8
7
68-22-0
02-84-0
02-24-0
15-37-7
8
82-58-6
76-75-5
29-00-1
99-35-4
18-86-7
19-93-7
9
02-79-4
85-90-5
10
76-20-0
10-83-3
29-72-8
93-35-6
174-25-9
21-33-5
20-14-9
93-07-2
125-42-8
17-90-8
57-03-8
22-05-4
22-39-0
21-09-6

Zeolite and Molecular Sieve Indexes

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Zeolite and Molecular Sieve Indexes

Zeolite Structure Type Name--Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters			Cell Angles			Crys. Sys.	Formula		
			a	b	c	α	β	γ							
SAPO-56-AFX															
SAPO-56	62-1178	C	10.2 _x	7.65 _x	6.88 _x	13.76	13.76	19.95	90.00	90.00	120.00	H	Al ₁₂ Si ₆ P ₆ O ₉₆		
SSZ-16	47-763	O	4.34 _x	4.07 _x	10.1 _x							X	C ₁₈ H ₂₄ N ₄ Al ₂ O ₇ SiO ₂ Na ₂ O·H ₂ O		
CoAPO-50-AFY															
CoAPO-50	41-559	C	11.0 _x	3.79 _x	3.68 _x	12.75	12.75	9.02	90.00	90.00	120.00	H	Co ₂ Al ₆ P ₆ O ₉₂ (C ₃ H ₇) ₂ NH ₃		
AIPO4-H2-AHT															
AIPO4-H2	46-557	C	8.45 _x	4.07 _x	3.08 _x	9.48	9.92	8.14	90.00	90.00	121.47	M	Al ₆ P ₆ O ₂₄ ·4H ₂ O		
Analclime-ANA															
Ammonioleucite	40-474	i	5.43 _x	3.30 _x	5.53 _x	13.21	13.21	13.71	90.00	90.00	90.00	T	(NH ₄) ₂ KAlSi ₂ O ₆		
Ammonioleucite, (T)	51-1539	i	3.31 _x	5.44 _x	3.43 _x	13.24	13.24	13.72	90.00	90.00	90.00	T	(NH ₄) ₂ K ₂ Al ₂ Si ₂ O ₆		
Analclime	19-1180		3.43 _x	5.60 _x	2.93 _x	13.72	13.71	13.71	90.00	90.00	90.00	O	Na ₂ (Si ₂ Al ₂ O ₆)·H ₂ O		
Analclime	41-1478	*	3.43 _x	5.59 _x	2.92 _x	13.71	13.71	13.71	90.00	90.00	90.00	C	Na ₂ (Si ₂ Al ₂ O ₆)·H ₂ O		
Analclime, (Ca,Ga)	45-181	C	3.44 _x	2.93 _x	5.61 _x	13.74	13.74	13.74	90.00	90.00	90.00	C	Na ₂ Ca ₂ Si ₂ Al ₂ O ₆ ·10.04H ₂ O		
Analclime, (Ca,Ga)	45-182	C	3.43 _x	2.92 _x	5.59 _x	13.70	13.70	13.70	90.00	90.00	90.00	C	Na ₂ Ca ₂ Si ₂ Al ₂ O ₆ ·10.04H ₂ O		
Analclime, (Ga)	44-32	i	5.64 _x	3.45 _x	2.94 _x	13.77	13.77	13.77	90.00	90.00	90.00	C	Na ₂ Ca ₂ Si ₂ Al ₂ O ₆ ·H ₂ O		
Analclime, (Mg)	42-1378	i	3.52 _x	2.89 _x	2.03 _x	14.71	14.71	14.71	90.00	90.00	90.00	C	Na ₂ Mg ₂ Al ₂ Si ₂ O ₆ ·25H ₂ O		
Analclime, (NH4)	14-19	i	3.39 _x	5.54 _x	2.89 _x	13.57	13.57	13.57	90.00	90.00	90.00	C	NH ₄ AlSi ₂ O ₆ ·H ₂ O		
Analclime, (NH4)	45-516	i	5.47 _x	3.31 _x	5.57 _x	13.24	13.24	13.75	90.00	90.00	90.00	T	(NH ₄) ₂ Mg ₂ Al ₂ Si ₂ O ₆ ·xH ₂ O		
Analclime, (P)	43-136	C	3.43 _x	5.60 _x	2.93 _x	13.73	13.73	13.73	90.00	90.00	90.00	C	Na ₂ Al ₂ Si ₂ P ₂ O ₁₁ ·16H ₂ O		
Analclime, (Rb,Mg)	43-1489	C	3.38 _x	2.88 _x	3.62 _x	13.53	13.63	13.53	90.00	90.00	90.00	C	Rb ₂ MgSi ₂ O ₁₂		
Beryllophosphate-P	46-295	i	3.28 _x	3.50 _x	2.79 _x	13.11	13.11	13.11	90.00	90.00	90.00	C	Ca ₂ B ₂ P ₂ O ₁₁ ·H ₂ O		
Leucite	38-1423	*	3.27 _x	3.44 _x	2.84 _x	13.07	13.07	13.76	90.00	90.00	90.00	T	KAlSi ₂ O ₆		
Leucite	52-129	*	3.16 _x	3.19 _x	2.70 _x	12.63	12.63	12.74	90.00	90.00	90.00	T	KBSi ₂ O ₆		
Pollucite	25-194	i	3.42 _x	2.91 _x	3.65 _x	13.67	13.67	13.67	90.00	90.00	90.00	C	Ca ₂ Al ₂ Si ₂ O ₁₂ ·xH ₂ O		
Pollucite	29-407	i	3.43 _x	3.66 _x	2.91 _x	13.67	13.67	13.67	90.00	90.00	90.00				

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections	Cell Parameters			Cell Angles			Crys. Sys.	Chemical Formula
				a	b	c	α	β	γ		
AIPO-21—AWO											
AIPO-21 (Pyroclidina)	46-184	C	3.88 ₁ 8.78 ₁ 3.53 ₁	8.87	17.66	9.19	90.00	107.76	90.00	M	C ₄ H ₅ Al ₃ NO ₁₂ P ₃ ·H ₂ O
AIPO-21	43-571	O	8.65 ₁ 3.93 ₁ 3.90 ₁							X	Al ₂ O ₃ ·1.05P ₂ O ₅ ·0.83H ₂ O·0.67C ₄ H ₅ N
AIPO-21	46-179	C	8.88 ₁ 3.26 ₁ 3.89 ₁	8.47	17.75	9.06	90.00	106.78	90.00	M	(C ₄ H ₅ N) ₂ Al ₃ P ₃ O ₁₂ ·H ₂ O
AIPO-21	46-485	O	3.86 ₁ 8.71 ₁ 3.80 ₁							X	Al ₂ O ₃ ·xP ₂ O ₅
GaPO-21	46-180	C	9.07 ₁ 3.33 ₁ 3.51 ₁	8.70	18.15	9.09	90.00	107.28	90.00	M	Ga ₃ (PO ₄) ₃ C ₄ H ₅ N·H ₂ O
AIPO-22—AWW											
AIPO-22	41-587	C	4.79 ₁ 9.83 ₁ 4.31 ₁	13.63	13.63	15.46	90.00	90.00	90.00	T	Al ₂ P ₂ O ₇ (PO ₃ (OH)) ₂ (C ₂ H ₅ N) ₄
AIPO-22	43-570	O	4.80 ₁ 9.72 ₁ 4.30 ₁							X	Al ₂ O ₃ ·1.03P ₂ O ₅ ·0.81H ₂ O·0.31C ₂ H ₅ N ₂
AIPO-22	46-456	O	4.01 ₁ 3.07 ₁ 4.85 ₁							X	Al ₂ O ₃ ·xP ₂ O ₅
AIPO-22	47-598	O	9.66 ₁ 4.80 ₁ 4.35 ₁							X	AIPO ₄
Beta—BEA											
Tuchernichte	46-1396	O	4.03 ₁ 11.6 ₁ 3.16 ₁							X	(Ca ₂ Na)Si ₆ Al ₂ O ₁₈ ·8H ₂ O
Unnamed zeolite	49-1838	O	4.04 ₁ 3.06 ₁ 3.17 ₁							X	Na ₂₂ K ₂₆ Ca ₂₂ Mg ₂₁ Al ₂₁ Si ₁₂₂ O ₁₁₈ ·8.25H ₂ O
Zeolite Beta	46-38	O	3.89 ₁ 11.5 ₁ 4.07 ₁							X	Na ₂ Al ₂ B ₂ O ₅ SiO ₄
Zeolite Beta	46-74	O	3.89 ₁ 11.6 ₁ 4.21 ₁							X	Na ₂ O·Al ₂ O ₃ ·SiO ₂
Bikitaite—BIK											
Bikitaite	14-168	i	3.46 ₁ 3.37 ₁ 4.20 ₁	8.61	4.96	7.61	90.00	114.40	90.00	A	LiAlSi ₃ O ₈ ·H ₂ O
Boggsite—BOG											
Boggsite	42-1379	C	3.86 ₁ 11.3 ₁ 3.37 ₁	20.24	23.80	12.80	90.00	90.00	90.00	O	Na ₂₇ Ca ₁₄ Al _{18.5} Si _{177.5} O ₁₂₂ ·74H ₂ O
Beryllophosphate-H—BPH											
Beryllophosphate H	41-568	C	10.9 ₁ 12.6 ₁ 2.79 ₁	12.58	12.58	12.45	90.00	90.00	120.00	H	Na ₇ K ₂ Be ₁ P ₁₄ O ₄₆ ·20H ₂ O
Beryllophosphate-H	46-298	i	10.9 ₁ 12.4 ₁ 2.78 ₁	12.59	12.59	12.46	90.00	90.00	120.00	H	Na ₇ K ₂ Be ₁ P ₁₄ O ₄₆ ·20H ₂ O
Unnamed zeolite	46-503	i	11.7 ₁ 13.47	13.51	13.51	13.41	90.00	90.00	120.00	H	(NH ₄) ₂ Al ₂ Si ₂ O ₈ ·3.1H ₂ O
Brewsterite—BRE											
Brewsterite	41-1356	*	2.92 ₁ 4.66 ₁ 2.19 ₁	6.78	17.52	7.75	90.00	94.47	90.00	M	Sr(Si ₆ Al ₂)O ₁₈ ·5H ₂ O
Cancrinite—CAN											
Cancrinite	34-176	C	3.21 ₁ 4.63 ₁ 6.80 ₁	12.59	12.59	5.12	90.00	90.00	120.00	H	Na ₂ Ca _{1.5} Al ₅ Si ₉ O ₂₄ (CO ₃) _{1.5}
Cancrinite	46-1332	i	3.22 ₁ 3.64 ₁ 2.78 ₁	12.60	12.60	5.13	90.00	90.00	120.00	H	Na ₂ Ca ₂ Al ₅ Si ₉ O ₂₄ (CO ₃) ₂ ·2H ₂ O
Cancrinite (Ca,Li,Tl)	48-520	O	3.16 ₁ 4.54 ₁ 2.22 ₁	12.45	12.45	5.00	90.00	90.00	120.00	H	Li _{2.87} Tl _{1.13} Ca _{0.79} Al _{5.79} Si _{9.21} O ₂₄ ·xH ₂ O
Cancrinite, (Li,Ca)	45-124	C	3.18 ₁ 10.8 ₁ 3.65 ₁	12.43	12.43	4.97	90.00	90.00	120.00	H	Li _{4.95} Ca _{1.05} Al ₅ Si ₉ O ₂₄ ·5.58H ₂ O
Cancrinite, (Li,Ca)	47-252	i	3.15 ₁ 3.66 ₁ 3.64 ₁	12.43	12.43	4.97	90.00	90.00	120.00	H	Li _{4.95} Ca _{1.05} Al ₅ Si ₉ O ₂₄ ·4.9H ₂ O
Cancrinite, (Li,Tl)	47-253	i	3.16 ₁ 4.53 ₁ 2.70 ₁	12.44	12.44	4.99	90.00	90.00	120.00	H	Li _{2.75} Tl _{2.25} Al _{5.25} Si _{9.75} O ₂₄ ·2H ₂ O
Davyne	50-1578	*	3.86 ₁ 4.79 ₁ 3.27 ₁	12.67	12.67	5.33	90.00	90.00	120.00	H	(Na ₈ Ca) ₈ Al ₈ Si ₈ O ₂₄ (Cl,CO ₃ ,SO ₄) ₃
ECE-5	47-236	O	4.58 ₁ 3.62 ₁ 3.19 ₁	22.12	22.12	5.94	90.00	90.00	120.00	H	Li _{1.9} Na _{1.1} Al ₅ Si ₉ O ₂₄ ·10.21·xH ₂ O
Microsomite	20-743	i	4.81 ₁ 3.69 ₁ 3.29 ₁	12.70	12.70	5.17	90.00	90.00	120.00	H	(Na ₈ Ca ₈ K) ₈ (Si,Al) ₁₂ O ₂₄ Cl ₃
Unnamed zeolite	31-1272	O	3.25 ₁ 4.72 ₁ 3.60 ₁	12.70	12.70	5.17	90.00	90.00	120.00	H	1.06Na ₂ O·Al ₂ O ₃ ·1.06SiO ₂ ·1.60H ₂ O
Unnamed zeolite	38-513	*	3.24 ₁ 3.66 ₁ 4.70 ₁	12.89	12.89	5.20	90.00	90.00	120.00	H	Na ₈ (Al ₅ Si ₉ O ₂₄)(NO ₃) ₂ ·4H ₂ O
Unnamed zeolite	38-514	O	3.68 ₁ 6.37 ₁ 4.72 ₁	12.73	12.73	5.02	90.00	90.00	120.00	H	Na ₈ (Al ₅ Si ₉ O ₂₄) ₂ ·3H ₂ O
Unnamed zeolite	38-515	i	3.65 ₁ 6.36 ₁ 3.24 ₁	12.67	12.67	5.19	90.00	90.00	120.00	H	Na ₈ (Al ₅ Si ₉ O ₂₄) ₂ ·4H ₂ O
Unnamed zeolite	48-1882	*	3.84 ₁ 3.22 ₁ 6.30 ₁	12.62	12.62	5.13	90.00	90.00	120.00	H	Na ₈ Ca ₈ Al ₈ Si ₈ (CO ₃) ₂ ·2H ₂ O
Vishnevite	46-1333	i	3.27 ₁ 3.70 ₁ 2.77 ₁	12.79	12.79	5.24	90.00	90.00	120.00	H	Na ₈ Al ₅ Si ₉ O ₂₄ (SO ₄) ₂ ·2H ₂ O
Cesium Aluminosilicate (Araki)—CAS											
Aluminosilicate, (Ca)	41-569	C	3.61 ₁ 3.58 ₁ 4.11 ₁	16.78	13.83	5.02	90.00	90.00	90.00	O	Ca ₄ Al ₂ Si ₂₀ O ₄₈
CIT-5—CFI											
CIT-5	51-1382	i	12.1 ₁ 12.8 ₁ 4.42 ₁	13.67	5.02	25.66	90.00	90.00	90.00	O	SiO ₂
Cobalt-Gallium-Phosphate-5—CGF											
Cobalt-Gallium-Phosphate-5	49-618	C	8.84 ₁ 3.84 ₁ 3.59 ₁	15.00	17.69	15.57	90.00	97.24	90.00	M	C ₁₂ H ₂₂ N ₄ ·(Co ₄ Ga ₃ P ₃ O ₂₈)
Cobalt-Gallium-Phosphate-6—CGS											
Cobalt-Gallium-Phosphate-6	49-622	C	5.39 ₁ 7.70 ₁ 10.8 ₁	14.36	16.31	6.73	90.00	90.24	90.00	M	C ₂₈ H ₅₆ N ₈ ·(Co ₄ Ga ₁₂ P ₁₆ O ₆₄)
Chabazite—CHA											
AIPO-34	47-166	O	9.21 ₁ 4.25 ₁ 5.47 ₁							X	0.4((CH ₃ CH ₂) ₂ NOH)·Al ₂ O ₃ ·1.18P ₂ O ₅ ·1.77H ₂ O
AIPO-34	47-167	O	9.11 ₁ 8.66 ₁ 4.56 ₁	10.34	17.18	10.48	90.00	90.00	90.00	O	AIPO ₄ ·xH ₂ O
AIPO-34	47-168	O	9.40 ₁ 4.29 ₁ 2.91 ₁							X	AIPO ₄
AIPO-34	47-184	O	9.26 ₁ 4.32 ₁ 3.55 ₁	13.80	13.80	14.90	90.00	90.00	120.00	H	Co ₂₇ H ₈₁ N ₉ O ₂₉ Co _{0.09} Al _{0.45} Si _{0.55} P _{0.45} O ₂ ·0.10H ₂ O
CAPSO-34	47-701	O	9.25 ₁ 4.31 ₁ 5.52 ₁							X	Al _{0.46} Ca _{0.51} Si _{0.49} Al _{0.51} P _{0.49} O ₂ ·0.07C ₂ H ₅ NH ₂ ·0.1H ₂ O
Chabazite	34-137	*	4.32 ₁ 2.93 ₁ 9.34 ₁	13.78	13.78	14.99	90.00	90.00	120.00	R	Ca ₂ Al ₃ Si ₉ O ₂₄ ·12H ₂ O
Chabazite	69-784	*	9.17 ₁ 6.76 ₁ 4.24 ₁	13.52	13.52	14.73	90.00	90.00	120.00	R	SiO ₂
Chabazite (Al)	44-248	O	2.98 ₁ 3.67 ₁ 2.60 ₁							X	NaAlSiO ₄ ·xH ₂ O
Chabazite, (Ba)	43-137	C	9.37 ₁ 2.93 ₁ 4.33 ₁	13.80	13.80	15.07	90.00	90.00	120.00	R	Ba _{1.5} Al _{1.5} Si _{1.5} O ₂₄ ·9.7H ₂ O
Chabazite, (Co,P)	46-119	C	9.31 ₁ 4.32 ₁ 6.90 ₁	13.80	13.80	14.85	90.00	90.00	120.00	R	Co _{0.16} Si _{0.16} Al _{0.84} P _{0.84} O ₂₄ ·0.18(C ₂ H ₅ NH ₂)·0.2H ₂ O
Chabazite, (Cs)	44-45	C	2.94 ₁ 4.34 ₁ 6.92 ₁	13.84	13.84	15.10	90.00	90.00	120.00	R	Ca _{2.0} Ca _{0.4} Al _{2.4} Si _{2.6} O ₂₄ ·9.5H ₂ O
Chabazite, (Cs)	44-46	C	6.86 ₁ 4.31 ₁ 2.91 ₁	13.72	13.72	15.18	90.00	90.00	120.00	R	Ca _{2.0} Ca _{0.4} Al _{2.4} Si _{2.6} O ₂₄
Chabazite, (K)	12-194		2.93 ₁ 4.32 ₁ 1.72 ₁	13.85	13.85	15.50	90.00	90.00	120.00	R	K ₂ Al ₂ O ₃ SiO ₂ ·H ₂ O
Chabazite, (Sr)	45-1427	i	5.43 ₁ 2.93 ₁ 4.33 ₁	13.76	13.76	15.28	90.00	90.00	120.00	R	(Ca ₂ K ₂ Sr) ₂ Al ₄ Si ₄ O ₂₄ ·12H ₂ O
Chabazite-Na	19-1178	i	2.93 ₁ 4.32 ₁ 9.36 ₁	13.80	13.80	15.10	90.00	90.00	120.00	R	NaAlSi ₃ O ₈ ·3H ₂ O
CoAPO-34	50-1479	i	4.32 ₁ 2.93 ₁ 9.28 ₁	13.82	13.82	14.79	90.00	90.00	120.00	R	(P _{0.47} Al _{0.40} Co _{0.13})O ₂
CoAPO-34	50-1480	i	4.31 ₁ 2.93 ₁ 9.26 ₁	13.81	13.81	14.82	90.00	90.00	120.00	R	(P _{0.55} Al _{0.21} Co _{0.24})O ₂
CoAPO-34	50-1481	i	4.33 ₁ 2.93 ₁ 9.33 ₁	13.83	13.83	14.87	90.00	90.00	120.00	R	(P _{0.48} Al _{0.22} Co _{0.29})O ₂
CoAPO-44	46-339	C	9.34 ₁ 6.82 ₁ 4.22 ₁	13.63	13.63	15.28	90.01	89.			

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections	Cell Parameters			Cell Angles			Crys. Chemical Sys. Formula
				a	b	c	α	β	γ	
Zeolite G, (Sr)	17-142		2.91 ₁ , 4.30 ₈ , 9.43 ₆	13.67	13.67	15.46	90.00	90.00	120.00	R SrAl ₂ Si ₄ O ₁₂ •6H ₂ O
Zeolite K-G1	44-250	O	2.92 ₁ , 2.29 ₄ , 3.96 ₃							X KAlSiO ₄ •xH ₂ O
Zeolite P-O	38-321		8.46 ₁ , 2.95 ₁ , 4.36 ₇	13.86	13.86	15.02	90.00	90.00	120.00	R 0.54K ₂ O•Al ₂ O ₃ •1.54SiO ₂ •0.36P ₂ O ₅ •3.82H ₂ O
Zeolite P-R	38-322		9.46 ₁ , 2.94 ₈ , 4.35 ₆	13.86	13.86	15.02	90.00	90.00	120.00	R 0.84Na ₂ O•Al ₂ O ₃ •1.92SiO ₂ •0.36P ₂ O ₅ •4.12H ₂ O
Chiavennite—CHI										
Chiavennite	35-602		15.7 ₁ , 2.90 ₁ , 3.28 ₈	8.73	31.39	4.90	90.00	90.00	90.00	O CaMn(B ₂ Si ₂ O ₁₁ (OH) ₂ •2H ₂ O
Cloverite—CLO										
Cloverite	46-558	C	26.4 ₁ , 9.32 ₁ , 18.6 ₁	52.71	52.71	52.71	90.00	90.00	90.00	C Ga ₂ P ₂ O ₇ (OH) ₂ F ₂
Cloverite	50-1705	C	25.8 ₁ , 9.14 ₁ , 18.3 ₁	51.71	51.71	51.71	90.00	90.00	90.00	C 2C ₁₁ H ₁₄ FN•Ga ₂ P ₂ O ₇
CIT-1—CON										
CIT-1	50-1694	i	11.3 ₁ , 11.5 ₁ , 3.84 ₅	22.62	13.28	12.37	90.00	68.88	90.00	M Si ₆ O ₁₁
CIT-1	50-1703	C	11.3 ₁ , 11.5 ₁ , 9.72 ₂	22.62	13.35	12.36	90.00	68.91	90.00	M Si ₆ O ₁₁
CIT-1	52-110	O	4.02 ₁ , 3.84 ₁ , 4.33 ₁	22.63	13.27	12.38	90.00	68.81	90.00	M C ₁₂ H ₂₄ BN ₂ O ₂ Si•H ₂ O
SSZ-26	47-355	O	11.4 ₁ , 3.86 ₁ , 4.40 ₁							X Na ₂ O•Al ₂ O ₃ •SiO ₂
SSZ-26	47-674	O	3.89 ₁ , 4.40 ₁ , 11.4 ₁							X (C ₁₂ H ₂₄ N ₂)•(Na ₂ Al ₂ SiO ₄)•H ₂ O
SSZ-33	52-109	O	11.3 ₁ , 4.35 ₁ , 4.04 ₁	23.90	13.29	12.32	90.00	66.93	90.00	M (BSiO) ₂
Chiral Zincophosphate—CZP										
Chiral Zincophosphate	49-621	C	7.78 ₁ , 3.06 ₁ , 5.80 ₁	10.48	10.48	15.09	90.00	90.00	120.00	H Na ₁₂ [Zn ₁₂ P ₁₂ O ₄₈]•12H ₂ O
Dachiardite—DAC										
Dachiardite	18-467	i	3.45 ₁ , 3.20 ₁ , 1.87 ₈	18.65	7.49	10.23	90.00	107.85	90.00	M (Ca,Na,K,Mg) ₂ (Si,Al) ₂ O ₄ •13H ₂ O
Dachiardite, (Na)	30-1149	i	3.45 ₁ , 4.88 ₁ , 8.86 ₁	18.64	7.51	10.30	90.00	108.48	90.00	M Na ₂ (Al ₂ Si ₂ O ₄)•13H ₂ O
Deca-Dodecasil-3R—DDR										
Deca-dodecasil-3R	38-651	i	5.18 ₁ , 3.40 ₁ , 5.77 ₁	13.89	13.89	40.99	90.00	90.00	120.00	R SiO ₂
Deca-dodecasil-3R	41-571	C	11.5 ₁ , 5.18 ₁ , 13.6 ₁	13.89	13.86	40.89	90.00	90.00	120.00	R Si ₁₂₀ O ₂₄₀ (N ₂) ₂ (C ₁₂ H ₁₇ N) ₆
Unnamed zeolite	48-235	*	5.15 ₁ , 3.39 ₁ , 5.71 ₁	13.73	13.73	43.39	90.00	90.00	120.00	H 120SiO ₂ •12Br ₂
Unnamed zeolite	48-236	*	5.15 ₁ , 5.71 ₁ , 4.66 ₁	13.72	13.72	41.31	90.00	90.00	120.00	H 120SiO ₂ •6I ₂
Unnamed zeolite	49-75	*	5.18 ₁ , 4.47 ₁ , 3.39 ₁	13.74	13.74	41.36	90.00	90.00	120.00	R 120SiO ₂ •xCl
Unnamed zeolite	49-76	*	5.17 ₁ , 5.75 ₁ , 3.39 ₁	13.84	13.84	40.85	90.00	90.00	120.00	H 120SiO ₂ •6S ₇
Dodecasil-1H—DOH										
Dodecasil-1H	41-572	C	11.2 ₁ , 6.89 ₁ , 11.9 ₁	13.78	13.78	11.19	90.00	90.00	120.00	H Si ₃₄ O ₆₈ (N ₂) ₂ (C ₆ H ₁₀ NH)
UTD-1F—DON										
UTD-1	50-57	i	14.7 ₁ , 11.5 ₁ , 4.21 ₂	18.98	8.41	23.04	90.00	90.00	90.00	O Si ₂ O ₁₂
UTD-1 as synthesized	52-160	O	4.19 ₁ , 4.03 ₁ , 6.06 ₁							X xC ₂₂ H ₂₂ CoOH•SiO ₂ •2H ₂ O
TMA-E(AB)—EAB										
Bellbergite	45-1482	i	3.80 ₁ , 6.58 ₁ , 2.95 ₁	13.24	13.24	15.99	90.00	90.00	120.00	H (K,Ba,Sr) ₂ Si ₂ Ca ₂ (Ca,Na) ₄ Al ₁₀ Si ₁₀ O ₇₂ •30H ₂ O
EAB	41-573	C	3.77 ₁ , 9.17 ₁ , 3.61 ₁	13.28	13.28	15.21	90.00	90.00	120.00	H Na ₂ [(CH ₃) ₂ N] ₂ Al ₂ Si ₂ O ₇ (OH) ₂ •25H ₂ O
Zeolite E	23-1895		9.21 ₁ , 6.66 ₁ , 3.78 ₁	13.27	13.27	15.23	90.00	90.00	120.00	H C ₁₂ H ₂₄ Al ₂ N ₂ Na ₂ O ₇ Si ₂ •17H ₂ O
Zeolite E, (K)	44-1392	C	6.54 ₁ , 9.06 ₁ , 4.12 ₁	13.07	13.07	15.10	90.00	90.00	120.00	H K ₂ Al ₂ Si ₂ O ₇
Zeolite E, (Na,TMA)	35-1502	i	3.78 ₁ , 9.20 ₁ , 3.62 ₁	13.28	13.28	15.21	90.00	90.00	120.00	H C ₆ H ₁₂ Al ₂ N ₂ Na ₂ O ₇ Si ₂ •26H ₂ O
Edingtonite—EDI										
Beryllophosphate-E	46-294	i	6.48 ₁ , 2.78 ₁ , 2.87 ₁	9.17	9.17	12.30	90.00	90.00	90.00	T K ₁₂ Be ₁₂ P ₁₂ O ₄₀ •10H ₂ O
Edingtonite	25-60	*	6.51 ₁ , 4.70 ₁ , 3.59 ₁	9.53	9.55	8.51	90.00	90.00	90.00	O BaAl ₂ Si ₂ O ₁₀ •4H ₂ O
Edingtonite, (K,Cl)	45-123	C	3.08 ₁ , 3.05 ₁ , 2.79 ₁	9.76	9.76	6.49	90.00	90.00	90.00	T K ₂ Al ₂ Si ₂ O ₁₀ (KCl)
Edingtonite, (Li)	27-1212	i	3.59 ₁ , 2.75 ₁ , 6.54 ₁	9.57	9.57	6.54	90.00	90.00	90.00	T LiBa ₂ Al ₂ Si ₂ O ₁₀ •4H ₂ O
Phase F, (Ba,Li)	30-742	O	7.01 ₁ , 3.08 ₁ , 2.82 ₁							X (Ba,Li)•Al•SiO ₄ •H ₂ O
Species F, (Na)	25-777		3.15 ₁ , 7.10 ₁ , 3.03 ₁							X Na ₂ Al ₂ Si ₂ O ₁₀ •xH ₂ O
Unnamed zeolite	22-1809		3.67 ₁ , 4.49 ₁ , 6.36 ₁	8.98	8.98	8.98	90.00	90.00	90.00	T C ₄ H ₁₂ Al ₂ Si ₂ O ₁₀ Si ₃
Zeolite D, (Rb)	38-217	i	2.99 ₁ , 3.11 ₁ , 2.84 ₁	9.95	9.95	13.20	90.00	90.00	90.00	T RbAlSiO ₄ •H ₂ O
Zeolite F	44-1338	C	2.85 ₁ , 3.11 ₁ , 2.93 ₁	9.98	9.98	13.21	90.00	90.00	90.00	O Rb ₂ Al ₂ Si ₂ O ₁₀ •6.44H ₂ O
Zeolite F, (K)	38-216	i	2.96 ₁ , 3.07 ₁ , 2.81 ₁	9.83	9.83	13.09	90.00	90.00	90.00	T KAlSiO ₄ •1.5H ₂ O
Zeolite K-F, (Na)	39-217	C	7.11 ₁ , 3.14 ₁ , 2.87 ₁	10.06	10.06	6.68	90.00	90.00	90.00	T Na ₂ Al ₂ Si ₂ O ₁₀ •9H ₂ O
Zeolite N	50-90	*	2.82 ₁ , 3.09 ₁ , 2.96 ₁	9.90	9.89	13.09	90.00	90.00	90.00	O K ₁₂ Al ₂ Si ₂ O ₁₀ Cl ₂ •8H ₂ O
EMC-2—EMT										
CSZ-1	47-722	O	3.40 ₁ , 14.2 ₁ , 3.00 ₁	17.43	17.43	28.36	90.00	90.00	120.00	H Cs _{0.64} Na _{1.04} Al ₂ Si ₂ O ₁₀ •12.42
CSZ-1	47-723	O	14.1 ₁ , 15.1 ₁ , 3.70 ₁	17.42	17.42	28.41	90.00	90.00	120.00	H Na-Ti-Al-Si-O
ECR-30	47-655	i	15.0 ₁ , 14.2 ₁ , 5.63 ₁	17.30	17.30	28.78	90.00	90.00	120.00	H C ₇ H ₁₂ N ₂ Al ₂ Si ₂ O ₁₀ •25.94
EMT (Na)	46-566	C	15.1 ₁ , 14.2 ₁ , 13.3 ₁	17.45	17.45	28.46	90.00	90.00	120.00	H Na _{19.26} Al ₂ Si ₂ O ₁₀ •19.26
Unnamed zeolite	48-504	*	15.0 ₁ , 14.2 ₁ , 8.02 ₁	17.36	17.35	28.43	90.00	90.00	120.00	H Na _{1.96} Al ₂ Si ₂ O ₁₀ •17.06
ZSM-20	43-46	O	15.1 ₁ , 14.3 ₁ , 5.68 ₁							X C ₂ 6H ₁₂ Al ₂ Si ₂ O ₁₀ Na _{1.44} O _{22.24} Si _{1.1}
ZSM-20	47-553	O	14.7 ₁ , 13.9 ₁ , 5.62 ₁	17.30	17.30	28.60	90.00	90.00	120.00	H C ₂₀ H ₁₀ N•Na ₂ O•Al ₂ O ₃ •SiO ₂ •H ₂ O
ZSM-20	47-554	O	3.27 ₁ , 2.84 ₁ , 2.85 ₁	17.30	17.30	28.60	90.00	90.00	120.00	H C ₂₀ H ₁₀ N•Na ₂ O•Al ₂ O ₃ •SiO ₂ •H ₂ O
ZSM-20, dealuminated	45-111	i	14.1 ₁ , 14.8 ₁ , 5.60 ₁	17.17	17.17	28.25	90.00	90.00	120.00	H SiO ₂
ZSM-3	38-317	O	14.2 ₁ , 16.3 ₁ , 3.02 ₁	17.50	17.50	27.20	90.00	90.00	120.00	H Li ₂ O•Na ₂ O•Al ₂ O ₃ •SiO ₂ •H ₂ O
ZSM-3	48-730	i	3.36 ₁ , 3.32 ₁ , 3.04 ₁	29.00	29.00	18.77	90.00	90.00	120.00	H Na _{1.88} Al ₂ Si ₂ O ₁₀ •8.88
Epistilbite—EPI										
Epistilbite	39-1381	*	8.90 ₁ , 3.45 ₁ , 3.21 ₁	9.09	17.75	10.23	90.00	124.65	90.00	M Co ₂ (Si ₂ Al ₂) ₂ O ₂₄ •8H ₂ O
Erionite—ERI										
AIPO4-17	41-574	C	11.5 ₁ , 6.62 ₁ , 9.05 ₁	13.24	13.24	14.77	90.00	90.00	120.00	H Al ₁₈ P ₁₈ O ₇₂ (C ₆ H ₁₁ N) ₄ •4H ₂ O
AIPO4-17	43-567	O	11.6 ₁ , 4.33 ₁ , 2.81 ₁							X Al ₂ O ₃ •0.89P ₂ O ₅ •0.87H ₂ O•0.46C ₇ H ₁₃ N
AIPO4-17	47-806	O	6.59 ₁ , 11.5 ₁ , 9.10 ₁							X AlPO ₄
Erionite	39-1379	*	2.85 ₁ , 3.71 ₁ , 4.35 ₁	13.30	13.30	15.08	90.00	90.00	120.00	H KNaCa(Si ₄ Al ₄) ₂ O ₃₆ •15H ₂ O
SAPO-17	47-620	O	11.6 ₁ , 6.61 ₁ , 4.33 ₁							X Al ₁₈ Si ₁₈ O ₇₂ P ₁₈ O ₄₂ •0.103C ₇ H ₁₃ N
SAPO-17	47-621		6.66 ₁ , 11.5 ₁ , 9.17 ₁	13.30	13.30	15.10	90.00	90.00	120.00	H Al ₁₈ Si ₁₈ O ₇₂ P ₁₈ O ₄₂
Unnamed zeolite	41-1461	*	11.4 ₁ , 6.60 ₁ , 4.32 ₁	13.19	13.19	15.04	90.00	90.00	120.00	H R ₄ 2K ₁₂ (Na,Ca,Mg) ₃ Fe ₃ Al ₃ Si ₁₂ O _{72</}

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters			Cell Angles			Crys. System	Chemical Formula
						a	b	c	α	β	γ		
EU-1—EUO													
Named zeolite	45-406	O	4.30 ₂	3.89 ₂	3.28 ₄							X	28SiO ₂ ·Al ₂ O ₃
Faujasite—FAU													
CSZ-1	47-722	O	3.40 ₂	14.2 ₀	3.00 ₇	17.43	17.43	28.36	90.00	90.00	120.00	H	C ₈₈ H ₁₂ N ₁₂ Al ₁₂ Si ₁₂ O ₁₂₄
CSF-1	47-723	O	14.1 ₂	15.1 ₀	3.70 ₄	17.42	17.42	28.41	90.00	90.00	120.00	H	Na-Ti-Al-Si-O
CaAPO	52-161	*	14.3 ₂	5.67 ₂	4.76 ₂	24.73	24.73	24.73	90.00	90.00	90.00	C	(C ₄ H ₁₂ N ₁₂ C ₁₂ H ₂₄ N ₁₂)(Co ₂ Al) ₂ PO ₄ ·H ₂ O
DZ-1A	47-249	I	13.6 ₂	3.57 ₄	3.70 ₄	23.38	23.38	23.38	90.00	90.00	90.00	C	Na ₅₆ B ₅₆ P ₅₆ O ₁₂₂ ·192H ₂ O
DZ-1B	47-250	*	14.6 ₂	3.37 ₄	6.93 ₂	25.23	25.23	25.23	90.00	90.00	90.00	C	[Na ₄ (CH ₃) ₄ N] ₂ Na ₂ P ₂ O ₁₂ ·192H ₂ O
ER-30	47-655	I	15.0 ₂	14.2 ₀	5.65 ₂	17.80	17.80	28.78	90.00	90.00	120.00	H	C ₁₂₄ H ₁₂₄ N ₁₂ Na ₂ Al ₁₂ Si ₁₂ O ₁₂₄
Faujasite	12-228	I	14.3 ₂	5.71 ₂	3.75 ₄	24.83	24.83	24.83	90.00	90.00	90.00	C	Na ₂ Al ₂ Si ₂ O ₁₄ ·6.7H ₂ O
Faujasite	12-246	I	14.5 ₂	5.74 ₂	2.88 ₄	24.96	24.96	24.96	90.00	90.00	90.00	C	Na ₂ Al ₂ Si ₂ O ₁₄ ·xH ₂ O
Faujasite	28-1034	O	15.0 ₂	2.96 ₂	3.93 ₂	25.59	25.59	25.59	90.00	90.00	90.00	C	Na ₂ Al ₂ Si ₂ O ₁₄ ·8H ₂ O
Faujasite	39-1380	I	14.3 ₂	3.76 ₂	5.67 ₂	24.68	24.68	24.68	90.00	90.00	90.00	C	Na ₂ Al ₂ Si ₂ O ₁₄ ·xH ₂ O
Na-Ba exchanged	47-1		3.76 ₂	3.80 ₂	2.70 ₄	24.92	24.92	24.92	90.00	90.00	90.00	C	0.95BaO·0.05Na ₂ O·Al ₂ O ₃ ·3.5SiO ₂ ·6H ₂ O
Na-X-zeolite	47-786	I	14.3 ₂	3.80 ₂	5.71 ₂	24.92	24.92	24.92	90.00	90.00	90.00	C	C ₁₂ H ₁₂ N ₁₂ (NH ₄) ₂ Al ₂ Si ₂ O ₁₄ (H ₂ O) ₁₇ (NH ₄) ₄
Phase X	28-1036		3.26 ₂	4.71 ₂	3.68 ₂							X	Na ₁ Al ₁₂ Si ₁₂ O ₆₁ ·65H ₂ O
SAPO-37	47-624	O	14.3 ₂	5.68 ₂	3.79 ₄							X	Al ₂₁ Si ₁₂ Na ₂ O ₁₂₂ ·0.065C ₁₂ H ₂₄ N ₁₂ ·0.035C ₄ H ₁₀ N ₂ ·0.22H ₂ O
SAPO-37	47-625	O	14.3 ₂	5.57 ₂	3.59 ₂							X	Al ₂₁ Si ₁₂ Na ₂ O ₁₂₂ ·0.26H ₂ O
exchanged	47-2		14.4 ₂	3.81 ₂	2.89 ₂	24.99	24.99	24.99	90.00	90.00	90.00	C	0.93SrO·0.07Na ₂ O·Al ₂ O ₃ ·2.5SiO ₂ ·6H ₂ O
FI-Y	49-18	C	14.0 ₂	3.69 ₂	4.65 ₂	24.17	24.17	24.17	90.00	90.00	90.00	C	H ₁₂ Al ₁₂ Si ₁₂ O ₁₂₄
Named zeolite	13-649		8.80 ₂	3.79 ₂	3.32 ₂	24.85	24.85	24.85	90.00	90.00	90.00	C	C ₄ H ₁₂ Al ₂ NO ₂ Si ₂ O ₁₄ ·H ₂ O
Named zeolite	26-1883	*	14.3 ₂	3.77 ₂	5.68 ₂	24.75	24.75	24.75	90.00	90.00	90.00	C	C ₄₈ H ₁₂ Al ₁₂ Si ₁₂ O ₁₂₄ ·K ₁₂ Na ₂ O ₁₂₄ Si ₁₂ O ₁₂₄ ·111H ₂ O
Named zeolite	26-1884	*	14.3 ₂	3.77 ₂	5.68 ₂	24.74	24.74	24.74	90.00	90.00	90.00	C	C ₇₂ H ₁₂ Al ₁₂ Si ₁₂ O ₁₂₄ ·K ₁₂ Na ₂ O ₁₂₄ Si ₁₂ O ₁₂₄ ·124H ₂ O
Named zeolite	26-1885	*	14.3 ₂	3.78 ₂	3.31 ₂	24.75	24.75	24.75	90.00	90.00	90.00	C	C ₄₈ H ₁₂ Al ₁₂ Si ₁₂ O ₁₂₄ ·K ₁₂ Na ₂ O ₁₂₄ Si ₁₂ O ₁₂₄ ·101H ₂ O
Named zeolite	47-3	I	14.4 ₂	3.80 ₂	2.88 ₂	24.89	24.89	24.89	90.00	90.00	90.00	C	0.8CaO·0.2Na ₂ O·Al ₂ O ₃ ·3.6SiO ₂ ·6H ₂ O
Zeolite-20	43-46	O	15.1 ₂	14.3 ₀	5.68 ₂							X	C ₁₂ H ₁₂ Al ₁₂ Si ₁₂ O ₁₂₄ ·Na ₂ O ₁₂₄ Si ₁₂ O ₁₂₄
Zeolite-20	47-553	O	14.7 ₂	13.9 ₂	5.62 ₂	17.30	17.30	28.60	90.00	90.00	120.00	H	C ₁₂ H ₁₂ N ₁₂ Na ₂ O·Al ₂ O ₃ ·SiO ₂ ·H ₂ O
Zeolite-20	47-554	O	3.27 ₂	2.84 ₂	2.85 ₂	17.30	17.30	28.60	90.00	90.00	120.00	H	C ₁₂ H ₁₂ N ₁₂ Na ₂ O·Al ₂ O ₃ ·SiO ₂ ·H ₂ O
Zeolite-20, dealuminated	45-111	I	14.1 ₂	14.8 ₂	5.60 ₂	17.17	17.17	28.28	90.00	90.00	120.00	H	SiO ₂
Zeolite-3	38-317	O	14.2 ₂	15.3 ₀	3.02 ₇	17.50	17.50	27.20	90.00	90.00	120.00	H	Li ₂ O·Na ₂ O·Al ₂ O ₃ ·SiO ₂ ·H ₂ O
Zeolite-3	48-730	I	13.8 ₂	3.32 ₂	3.04 ₂	25.00	25.00	18.77	90.00	90.00	120.00	H	Na ₁₂ Al ₁₂ Si ₁₂ O ₁₂₄
Zeolite (Na,Zn,P)	46-123	C	14.6 ₂	8.92 ₂	7.61 ₂	25.23	25.23	25.23	90.00	90.00	90.00	C	Na ₄₈ Zn ₁₂ P ₁₂ O ₁₂₄ ·128H ₂ O
Zeolite X (Ag)	38-233	*	14.4 ₂	2.79 ₂	6.23 ₂	24.96	24.96	24.96	90.00	90.00	90.00	C	(Ag ₄ Na) ₂ ·Al ₂ Si ₂ O ₁₄ ·xH ₂ O
Zeolite X (Ba)	38-234	I	14.4 ₂	7.21 ₂	3.77 ₂	24.99	24.99	24.99	90.00	90.00	90.00	C	(Ba ₄ Na) ₂ ·Al ₂ Si ₂ O ₁₄ ·6.2H ₂ O
Zeolite X (Ca)	38-232	I	14.4 ₂	3.80 ₂	5.71 ₂	24.90	24.90	24.90	90.00	90.00	90.00	C	(Ca ₄ Na) ₂ ·Al ₂ Si ₂ O ₁₄ ·6.4H ₂ O
Zeolite X (Ce)	38-235	I	14.4 ₂	3.81 ₂	5.72 ₂	24.99	24.99	24.99	90.00	90.00	90.00	C	(Ce ₄ Na) ₂ ·Al ₂ Si ₂ O ₁₄ ·xH ₂ O
Zeolite X (Gd)	43-149	C	14.5 ₂	7.24 ₂	6.27 ₂	25.07	25.07	25.07	90.00	90.00	90.00	C	Na ₇ Gd ₇ Al ₁₂ Si ₁₂ O ₁₂₄ ·19H ₂ O
Zeolite X (K)	26-898	*	14.5 ₂	2.90 ₂	2.81 ₂	25.12	25.12	25.12	90.00	90.00	90.00	C	K ₄₈ Al ₁₂ Si ₁₂ O ₁₂₄ ·258H ₂ O
Zeolite X (Li)	38-236	I	14.4 ₂	3.79 ₂	3.32 ₂	24.88	24.88	24.88	90.00	90.00	90.00	C	(Li ₄ Na) ₂ ·Al ₂ Si ₂ O ₁₄ ·7.2H ₂ O
Zeolite X (NH ₄)	39-139	I	14.4 ₂	3.81 ₂	3.34 ₂	25.01	25.01	25.01	90.00	90.00	90.00	C	(NH ₄ Na) ₂ ·Al ₂ Si ₂ O ₁₄ ·xH ₂ O
Zeolite X (Na)	38-237	*	14.5 ₂	3.81 ₂	2.89 ₂	24.99	24.99	24.99	90.00	90.00	90.00	C	Na ₂ Al ₂ Si ₂ O ₁₄ ·6.2H ₂ O
Zeolite X (Na)	39-218	C	14.5 ₂	8.85 ₂	2.89 ₂	25.03	25.03	25.03	90.00	90.00	90.00	C	Na ₄₈ Al ₁₂ Si ₁₂ O ₁₂₄ ·220H ₂ O
Zeolite X (Na)	41-118	I	3.82 ₂	14.5 ₂	3.34 ₂	24.96	24.96	24.96	90.00	90.00	90.00	C	C ₄ H ₁₂ O ₂ ·Na ₂ O·Al ₂ O ₃ ·3.5SiO ₂ ·7H ₂ O
Zeolite X (O)	26-895	*	14.5 ₂	3.82 ₂	8.87 ₂	25.08	25.08	25.08	90.00	90.00	90.00	C	K ₄₈ Al ₁₂ Si ₁₂ O ₁₂₄ ·241H ₂ O
Zeolite Y	38-238	*	14.3 ₂	3.31 ₂	2.86 ₂	24.76	24.76	24.76	90.00	90.00	90.00	C	Na ₁₂ Al ₁₂ Si ₁₂ O ₁₂₄ ·7H ₂ O
Zeolite Y	38-239	I	14.3 ₂	5.67 ₂	3.77 ₂	24.73	24.73	24.73	90.00	90.00	90.00	C	Na ₁₂ Al ₁₂ Si ₁₂ O ₁₂₄ ·9H ₂ O
Zeolite Y	38-240	I	14.3 ₂	3.78 ₂	2.86 ₂	24.77	24.77	24.77	90.00	90.00	90.00	C	Na ₁₂ Al ₁₂ Si ₁₂ O ₁₂₄ ·8H ₂ O
Zeolite Y	40-336	*	14.3 ₂	3.78 ₂	5.69 ₂	24.78	24.78	24.78	90.00	90.00	90.00	C	Na ₁₂ Al ₁₂ Si ₁₂ O ₁₂₄ ·240H ₂ O
Zeolite Y (K,Ga)	46-568	C	7.47 ₂	5.68 ₂	5.06 ₂	24.78	24.78	24.78	90.00	90.00	90.00	C	K ₄₈ Ga ₄₈ Si ₁₂ O ₁₂₄ ·241H ₂ O
Zeolite Y (K)	26-898	*	14.4 ₂	5.73 ₂	8.83 ₂	24.97	24.97	24.97	90.00	90.00	90.00	C	K ₄₈ Al ₁₂ Si ₁₂ O ₁₂₄ ·241H ₂ O
Zeolite Y (K)	26-894	I	14.3 ₂	5.68 ₂	3.78 ₂	24.78	24.78	24.78	90.00	90.00	90.00	C	K ₄₈ Al ₁₂ Si ₁₂ O ₁₂₄ ·241H ₂ O
Zeolite Y (K)	26-896	*	14.3 ₂	3.77 ₂	5.65 ₂	24.69	24.69	24.69	90.00	90.00	90.00	C	K ₄₈ Al ₁₂ Si ₁₂ O ₁₂₄ ·243H ₂ O
Zeolite Y (K)	26-897	*	14.4 ₂	3.80 ₂	2.88 ₂	24.92	24.92	24.92	90.00	90.00	90.00	C	K ₄₈ Al ₁₂ Si ₁₂ O ₁₂₄ ·247H ₂ O
Zeolite Y (K,NH ₄)	26-899	I	14.3 ₂	3.77 ₂	5.68 ₂	24.74	24.74	24.74	90.00	90.00	90.00	C	K ₁₂ (NH ₄) ₁₂ Al ₁₂ Si ₁₂ O ₁₂₄ ·101H ₂ O
Zeolite Y (Na)	43-168	*	14.2 ₂	3.76 ₂	5.66 ₂	24.68	24.68	24.68	90.00	90.00	90.00	C	Na ₂ Al<

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters			Cell Angles			Crys. Sys.	Formula
						a	b	c	α	β	γ		
Gmelinite—GME													
ECR-26	50-1692	i	5.02 _x	6.88 ₇	11.9 ₇	18.74	13.74	10.04	90.00	90.00	120.00	H	$\text{Na}_{2.04}\text{Ca}_{0.22}\text{Fe}_{0.54}\text{Al}_{0.04}\text{Si}_{16}\text{O}_{48} \cdot \text{H}_2\text{O}$
ECR-26	50-1693	i	11.5 _x	5.01 ₇	6.88 ₇	13.74	18.74	10.03	90.00	90.00	120.00	H	$\text{Na}_{2.03}\text{Ca}_{0.23}\text{Al}_{1.00}\text{Si}_{15.10}\text{O}_{44.42}$
Gmelinite	39-435	*	4.11 _x	11.9 ₆	2.98 ₆	13.75	13.75	10.06	90.00	90.00	120.00	H	$\text{Na}_2\text{Al}_2\text{Si}_{15}\text{O}_{42} \cdot 6\text{H}_2\text{O}$
Unnamed zeolite	31-1321		4.11 _x	4.50 ₆	2.25 ₆	13.73	13.73	10.07	90.00	90.00	120.00	H	$\text{Al}_2\text{Na}_2\text{Na}_2\text{Na}_2\text{Si}_{11.7}\text{O}_{41.61} \cdot x\text{H}_2\text{O}$
Zeolite F, (Sr)	17-141	O	4.99 _x	4.12 _x	2.99 _x	13.80	13.80	10.01	90.00	90.00	120.00	H	$\text{SrAl}_2\text{Si}_{15}\text{O}_{42} \cdot 6\text{H}_2\text{O}$
Goosecreekite—GOO													
Goosecreekite	35-469	i	4.53 _x	7.19 ₆	5.59 ₆	7.62	17.56	7.35	90.00	105.71	90.00	M	$\text{CaAl}_2\text{Si}_6\text{O}_{18} \cdot 5\text{H}_2\text{O}$
Heulandite—HEU													
Clinoptilolite	39-1383	i	8.95 _x	3.96 _x	3.98 _x	17.67	17.91	7.41	90.00	116.37	90.00	M	$\text{KNa}_2\text{Ca}_2(\text{Si}_{23}\text{Al}_3)\text{O}_{72} \cdot 24\text{H}_2\text{O}$
Clinoptilolite, (Na)	47-1870	i	8.95 _x	7.01 ₄	2.97 ₄	17.65	18.01	7.40	90.00	116.30	90.00	M	$(\text{Na}, \text{K}, \text{Ca})_2\text{Al}_3\text{Si}_{20}\text{O}_{72} \cdot 18\text{H}_2\text{O}$
Clinoptilolite-(Cs)	44-1398	i	3.97 _x	3.92 _x	3.99 _x	17.73	17.98	7.43	90.00	116.18	90.00	M	$\text{Cs}_2\text{KCa}_2(\text{Al}_3\text{Si}_{20}\text{O}_{72}) \cdot 13\text{H}_2\text{O}$
Heulandite	41-1357	i	8.96 _x	2.97 ₀	3.98 ₇	17.74	17.89	7.43	90.00	116.45	90.00	M	$\text{Ca}(\text{Si}_2\text{Al}_2\text{O}_{14}) \cdot 6\text{H}_2\text{O}$
Heulandite-Sr	24-469	i	8.94 _x	2.80 ₀	7.95 ₇	17.72	17.86	7.46	90.00	116.37	90.00	M	$(\text{Ca}, \text{Sr})\text{Al}_2\text{Si}_4\text{O}_{18} \cdot 6\text{H}_2\text{O}$
Zeolite R, (Sr)	17-143		3.98 _x	5.12 ₀	2.97 ₀	7.46	18.00	15.90	90.00	91.50	90.00	M	$\text{SrAl}_2\text{Si}_4\text{O}_{18} \cdot 6\text{H}_2\text{O}$
ITQ-4—IFR													
Calcined ITQ-4	49-619	C	10.9 _x	9.12 ₁	4.37 ₁	18.65	13.50	7.63	90.00	101.98	90.00	M	Si_2O_4
ITQ-4	51-1380	*	10.9 _x	9.13 ₁	3.78 ₁	18.67	13.49	7.63	90.00	101.97	90.00	M	SiO_2
MCM-58	52-113		4.35 _x	9.09 _x	4.12 _x	18.70	13.50	7.60	90.00	101.90	90.00	M	$\text{C}_{18.8}\text{H}_{24}\text{Al}_2\text{K}_{1.9}\text{Na}_{1.8}\text{O}_{12}\text{Si}_{24} \cdot x\text{H}_2\text{O}$
ITQ-7—ISV													
ITQ-7	51-1379	*	12.6 _x	9.07 _x	11.5 ₆	12.84	12.84	25.20	90.00	90.00	90.00	T	SiO_2
ITQ-3—ITE													

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters			Cell Angles			Crys. Sys.	Chemical Formula
						a	b	c	α	β	γ		
Zeolite A, (Ag)	43-146	C	12.3 ₁	5.49 ₂	2.98 ₂	24.55	24.55	24.55	90.00	90.00	90.00	C	Al ₉₆ H ₂₈₈ Ag ₉₆ Si ₉₆ O ₃₈₄ •xH ₂ O
Zeolite A, (Cd)	43-146	C	12.3 ₁	5.50 ₁	4.10 ₁	12.29	12.29	12.29	90.00	90.00	90.00	C	Cd ₉₆ Si ₉₆ Al ₁₂ O ₃₈₄ •3H ₂ O
Zeolite A, (Co,Br)	45-178	C	4.04 ₁	3.24 ₂	4.85 ₃	12.12	12.12	12.12	90.00	90.00	90.00	C	(CoBr) ₉₆ Na ₉₆ (Si ₉₆ Al ₁₂ O ₃₈₄ (Br) ₂)
Zeolite A, (Co,Ca)	45-188	C	4.33 ₁	3.40 ₂	3.69 ₃	12.24	12.24	12.24	90.00	90.00	90.00	C	Co ₉₆ Al ₁₂ Si ₉₆ O ₃₈₄
Zeolite A, (Ca,Ca)	45-189	C	12.2 ₁	3.69 ₂	3.69 ₃	12.24	12.24	12.24	90.00	90.00	90.00	C	Ca ₉₆ Al ₁₂ Si ₉₆ O ₃₈₄
Zeolite A, (Ca,Ca)	45-190	C	3.68 ₁	3.39 ₂	4.32 ₃	12.21	12.21	12.21	90.00	90.00	90.00	C	Ca ₉₆ Al ₁₂ Si ₉₆ O ₃₈₄
Zeolite A, (K)	43-147	C	12.3 ₁	8.71 ₂	5.51 ₃	12.32	12.32	12.32	90.00	90.00	90.00	C	K ₉₆ Si ₉₆ Al ₁₂ O ₃₈₄
Zeolite A, (K,Zn)	43-148	C	12.1 ₁	8.54 ₂	5.40 ₃	12.07	12.07	12.07	90.00	90.00	90.00	C	Zn ₉₆ K ₉₆ Al ₁₂ Si ₉₆ O ₃₈₄ •3.5H ₂ O
Zeolite A, (Li)	38-242	*	12.0 ₁	8.51 ₂	3.63 ₃	12.04	12.04	12.04	90.00	90.00	90.00	C	(LiNa) ₉₆ Al ₁₂ Si ₉₆ O ₃₈₄ •xH ₂ O
Zeolite A, (Na)	31-1261	*	3.31 ₁	3.01 ₂	1.64 ₃	12.39	12.39	12.39	90.00	90.00	90.00	C	12Na•12(AlO ₂ SiO ₂)•9.3NaNO ₃ •6.7H ₂ O
Zeolite A, (Na)	38-241	*	12.3 ₁	8.71 ₂	2.99 ₃	12.32	12.32	12.32	90.00	90.00	90.00	C	Na ₉₆ Al ₁₂ Si ₉₆ O ₃₈₄ •1.7H ₂ O
Zeolite A, (Na)	39-222	C	12.3 ₁	8.70 ₂	2.98 ₃	24.61	24.61	24.61	90.00	90.00	90.00	C	Na ₉₆ Al ₁₂ Si ₉₆ O ₃₈₄ •216H ₂ O
Zeolite A, (Na)	39-223	C	12.3 ₁	8.68 ₂	7.09 ₃	24.56	24.56	24.56	90.00	90.00	90.00	C	Na ₉₆ Al ₁₂ Si ₉₆ O ₃₈₄
Zeolite A, (Rb,Ag)	45-185	C	3.70 ₁	12.3 ₂	2.98 ₃	12.27	12.27	12.27	90.00	90.00	90.00	C	Rb ₉₆ Li ₇₅ Ag ₂₁ Al ₁₂ Si ₉₆ O ₃₈₄
Zeolite A, (Rb,Ag)	45-186	C	3.70 ₁	2.97 ₂	3.40 ₃	12.28	12.28	12.28	90.00	90.00	90.00	C	Rb ₉₆ Li ₅₅ Ag ₄₁ Al ₁₂ Si ₉₆ O ₃₈₄
Zeolite A, (Rb,Ag)	45-187	C	2.99 ₁	3.72 ₂	12.3 ₃	12.34	12.34	12.34	90.00	90.00	90.00	C	Rb ₉₆ Li ₅₅ Ag ₄₁ Al ₁₂ Si ₉₆ O ₃₈₄
Zeolite A, (Sr)	38-243	*	2.99 ₁	12.4 ₂	3.29 ₃	12.32	12.32	12.32	90.00	90.00	90.00	C	(SrNa) ₉₆ Al ₁₂ Si ₉₆ O ₃₈₄ •xH ₂ O
Zeolite A, (Ti)	38-244	*	4.36 ₁	2.52 ₂	7.76 ₃	12.33	12.33	12.33	90.00	90.00	90.00	C	Ti ₉₆ Al ₁₂ Si ₉₆ O ₃₈₄ •xH ₂ O
Zeolite P-A	38-323	i	12.2 ₁	2.96 ₂	8.60 ₃	12.26	12.26	12.26	90.00	90.00	90.00	C	Na ₂ O•Al ₂ O ₃ •1.71SiO ₂ •0.24P ₂ O ₅ •4.32H ₂ O

Linde Type L—LTL

ECR-2	39-294		15.9 ₁	3.92 ₂	3.18 ₃	18.39	18.39	7.65	90.00	90.00	120.00	H	K ₂₇₂ Al ₂ Si ₄ 76O ₁₁₅₃
Linde L	22-773	i	16.0 ₁	3.19 ₂	3.92 ₃	18.40	18.40	7.52	90.00	90.00	120.00	H	K ₂ Na ₂ Al ₂ Si ₂ O ₂₄ •7H ₂ O
Linde L	39-224	C	15.9 ₁	2.91 ₂	3.19 ₃	18.40	18.40	7.52	90.00	90.00	120.00	H	K ₂ Na ₂ Al ₂ Si ₂ O ₂₄ •21H ₂ O
Portulite	38-395		16.0 ₁	4.62 ₂	3.20 ₃	18.49	18.49	7.51	90.00	90.00	120.00	H	K ₂ Na ₂ CaAl ₂ Si ₂ O ₂₄ •15H ₂ O
Zeolite L	43-47	O	15.8 ₁	3.91 ₂	4.57 ₃							X	K ₂ O•Na ₂ O•Al ₂ O ₃ •SiO ₂ •H ₂ O
Zeolite L	43-560	O	15.8 ₁	3.17 ₂	3.91 ₃							X	1.01K ₂ O•0.9Na ₂ O•Al ₂ O ₃ •6.2SiO ₂ •5.0H ₂ O
Zeolite L	44-1393	C	16.1 ₁	6.08 ₂	3.95 ₃	18.58	18.58	7.49	90.00	90.00	120.00	H	K ₁₀ Ca ₂ Si ₂₇ O ₇₂
Zeolite L	48-514	i	16.2 ₁	3.96 ₂	4.65 ₃	18.61	18.61	7.57	90.00	90.00	120.00	H	K ₂ Na ₂ Ca ₂ Si ₂₂ O ₁₈₅₃
Zeolite P-L	38-324		16.0 ₁	3.22 ₂	4.65 ₃	18.75	18.75	15.03	90.00	90.00	120.00	H	0.69K ₂ O•Al ₂ O ₃ •1.59SiO ₂ •0.38P ₂ O ₅ •2.53H ₂ O

Linde Type N—LTN

NaZ-21	42-21	C	11.1 ₁	21.3 ₂	9.24 ₃	36.95	36.95	34.85	90.00	90.00	90.00	C	AlNaSiO ₄ •1.03H ₂ O
Unnamed zeolite	28-1987	i	6.51 ₁	4.04 ₂	3.70 ₃	36.81	36.81	36.81	90.00	90.00	90.00	C	Ca ₁₄₄ H ₄₄₄ Al ₂₄ Na ₂₄ Si ₂₄ O ₁₀₁₉ Si ₂
Unnamed zeolite	28-1923	O	6.54 ₁	4.05 ₂	3.71 ₃	13.08	13.08	21.56	90.00	90.00	90.00	T	Ca ₁₄₄ HNNa•Al ₂ Si ₂ O ₇ •3H ₂ O
Z-21	27-1405	i	6.51 ₁	13.0 ₂	3.70 ₃	36.70	36.70	36.70	90.00	90.00	90.00	C	Na ₉₆ Al ₁₂ Si ₉₆ O ₃₈₄ •xH ₂ O
Zeolite N	26-1988	i	6.57 ₁	4.06 ₂	3.72 ₃	37.22	37.22	37.22	90.00	90.00	90.00	C	Ca ₉₆ H ₂₈₈ Al ₂ Na ₉₆ Si ₉₆ O ₃₈₄ •2.8H ₂ O
Zeolite N, (Sr)	17-755	O	4.56 ₁	2.94 ₂	2.13 ₃	12.48	12.48	16.00	90.00	90.00	90.00	T	Sr•Al•Si•O

Mazzite—MAZ

ECR-1	47-288	O	3.17 ₁	3.50 ₂	9.10 ₃	18.15	26.31	7.31	90.00	90.00	90.00	O	Na ₂ O•Al ₂ O ₃ •SiO ₂
Mazzite	38-426	i	3.19 ₁	2.94 ₂	3.82 ₃	18.39	18.39	7.65	90.00	90.00	120.00	H	K ₂ CaMg ₂ (SiAl) ₂ O ₇₂ •28H ₂ O
Omega	23-1894	i	9.07 ₁	3.78 ₂	5.94 ₃	18.15	18.15	7.59	90.00	90.00	120.00	H	Ca ₂ H ₁₂ Al ₂ NNa ₂ O ₆ Si ₂ O ₇ •H ₂ O
Omega	44-11	O	9.09 ₁	3.79 ₂	3.52 ₃							X	0.72(CH ₃) ₂ N•0.71Na ₂ O•Al ₂ O ₃ •7.3SiO ₂ •6.3H ₂ O
ZSM-4	34-1890	O	9.18 ₁	3.82 ₂	3.64 ₃	18.31	18.31	7.68	90.00	90.00	120.00	H	C ₂₄ H ₄ 77Al ₂ N ₂ O ₁₆ Na _{1.84} O _{17.06} Si _{14.43} •6.56H ₂ O
ZSM-4	42-309	O	3.53 ₁	3.16 ₂	2.82 ₃							X	(C ₈ H ₁₂ N ₂)(Na ₂ O) ₂ •(Al ₂ O ₃) ₃ •(SiO ₂) ₂₂ •5H ₂ O

ZSM-18—MEI

ZSM-18	43-57	O	11.5 ₁	4.17 ₂	4.13 ₃							X	Al ₂ Na ₂ 18O ₂₄ 72Si ₁₈ 5•xH ₂ O
ZSM-18	52-144	*	11.4 ₁	7.92 ₂	6.08 ₃	13.18	13.18	15.85	90.00	90.00	120.00	H	Si ₃₄ O ₈₈

ZSM-11—MEL

Silicalite-2, (Ti)	43-55	O	11.2 ₁	3.85 ₂	10.1 ₃	20.10	20.10	13.41	90.00	90.00	90.00	T	TiO ₂ •SiO ₂
TASO-48	46-822	O	3.82 ₁	11.3 ₂	3.75 ₃							X	(C ₄ H ₈) ₂ (N ₂ O) ₂ •Al ₂ O ₃ •Na ₂ O•TiO ₂ •SiO ₂ •H ₂ O
TASO-48	46-823	O	11.2 ₁	3.85 ₂	10.2 ₃							X	Na ₂ Na ₂ Al ₂ O ₁₁ Ti _{0.059} Si _{0.940} O ₃
TvVK-1	42-12	O	3.87 ₁	11.2 ₂	10.1 ₃	20.12	20.12	13.41	90.00	90.00	90.00	T	C ₁₂ H ₂₄ Br ₂ N ₂ O ₂ •Al ₂ O ₃ •SiO ₂ •H ₂ O
TvVK-1	42-13	i	3.88 ₁	11.1 ₂	10.0 ₃	20.03	20.03	13.40	90.00	90.00	90.00	T	Na _{1.52} Al ₂ Si _{0.63} O _{1.22} 76•xH ₂ O
Unnamed zeolite	42-14	O	3.85 ₁	3.82 ₂	3.71 ₃	20.00	20.00	13.39	90.00	90.00	90.00	T	C ₁₂ H ₂₄ Br ₂ N ₂ O ₂ •B ₂ O ₃ •SiO ₂ •H ₂ O
ZSM-11	38-246	O	3.86 ₁	3.73 ₂	11.2 ₃							X	Na _{1.04} Al ₂ Si _{0.94} O _{2.52}
ZSM-11	38-247	O	3.87 ₁	3.86 ₂	3.74 ₃							X	Na ₂ Al ₂ Si _{0.96} O _{1.90} •xH ₂ O
ZSM-11	38-248	O	3.86 ₁	11.9 ₂	10.1 ₃							X	Na•Al ₂ Si _{0.9} O
ZSM-11	42-22	C	11.1 ₁	10.0 ₂	3.85 ₃	20.07	20.07	13.41	90.00	90.00	90.00	T	Si ₃₅ O ₁₂₂
ZSM-11, (H)	38-185	O	3.86 ₁	11.3 ₂	10.1 ₃							X	H•Al ₂ O ₇ •SiO ₂

Melanophlogite—MEP

Melanophlogite	25-7	i	5.99 ₁	3.59 ₂	5.47 ₃	26.79	26.79	13.40	90.00	90.00	90.00	T	C ₂ H ₁₇ O ₅ •Si ₄₅ O ₇₂
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Merlinoite—MER

Merlinoite	29-989	i	3.18 ₁	7.12 ₂	7.08 ₃	14.12	14.23	9.95	90.00	90.00	90.00	O	K ₂ Ca ₂ Al ₂ Si ₂₂ O ₆₄ •24H ₂ O
Unnamed zeolite	52-143	C	4.21 ₁	2.77 ₂	4.49 ₃	14.19	14.19	9.23	90.00	90.00	90.00	T	Ba ₄ Al ₁₀ Si ₁₀ Cl ₂ Si ₂₁ Si ₂ O ₈₄ •12H ₂ O
Zeolite K-M	30-902	O	3.25 ₁	3.19 ₂	2.97 ₃	10.07	14.22	14.22	90.00	90.00	90.00	O	K ₂ Al ₂ Si ₂ O ₁₀ •3H ₂ O
Zeolite P-W	38-320		3.19 ₁	3.25 ₂	7.20 ₃	24.17	24.17	10.03	90.00	90.00	90.00	T	0.54K ₂ O•Al ₂ O ₃ •1.73SiO ₂ •0.37P ₂ O ₅ •2.96H ₂ O
Zeolite Rb-M	30-1043	O	3.19 ₁	5.07 ₂	4.32 ₃	10.26	14.30	14.30	90.00	90.00	90.00	O	Rb•Al•SiO ₂ •H ₂ O

ZSM-5—MFI

AMS-1B	42-382	O	3.84 ₁	3.72 ₂	11.4 ₃		</
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Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections	Cell Parameters			Cell Angles			Crys. Sys.	Chemical Formula
				a	b	c	α	β	γ		
ZSM-5	39-225	C	3.85 ₂ 3.83 ₂ 3.72 ₂	20.10	19.95	13.43	90.00	90.00	90.00	O	(C ₈ H ₇) ₁₆ N ₄ Si ₉₆ O ₁₉₂ (OH) ₄
ZSM-5	42-23	C	3.84 ₂ 3.81 ₂ 11.1 ₂	20.02	19.90	13.38	90.00	90.00	90.00	O	Na _{0.3} Al _{0.3} Si _{95.7} O ₁₉₂ (C ₁₂ H ₂₂ NOH) ₄
ZSM-5	42-24	C	11.1 ₂ 9.94 ₂ 10.0 ₂	19.88	20.11	13.37	90.00	90.67	90.00	M	H _{20.2} Al _{20.2} Si _{95.8} O ₁₉₂
ZSM-5	43-331	O	3.84 ₂ 3.74 ₂ 11.3 ₂							X	Na _{1.22} Al _{1.22} Si _{97.0} O _{197.91}
ZSM-5	43-332	O	3.83 ₂ 3.72 ₂ 11.2 ₂							X	Na _{0.3} Al _{0.3} Si _{95.7} O _{192.1}
ZSM-5	44-2	i	3.83 ₂ 11.1 ₂ 9.94 ₂	19.96	19.96	13.38	90.00	90.00	90.00	T	Al ₂ O ₃ •6.4SiO ₂
ZSM-5	44-3	★	11.1 ₂ 9.91 ₂ 10.0 ₂	20.10	19.90	13.40	90.00	90.00	90.00	O	Al ₂ O ₃ •6.4SiO ₂
ZSM-5	46-120	C	11.1 ₂ 10.0 ₂ 3.85 ₂	20.08	19.92	13.40	90.00	90.00	90.00	O	Ca _{0.4} (Al _{0.9} Si _{22.1} O ₄₉)
ZSM-5	47-638	i	11.2 ₂ 8.86 ₂ 10.0 ₂	20.08	19.96	13.48	90.00	90.00	90.00	O	ZrSi ₃₄ O ₅₆
ZSM-5, (Al)	40-64	O	3.86 ₂ 3.83 ₂ 3.72 ₂							X	Na _{1.54} H _{1.54} (AlO ₂) _{5.1} (SiO ₂) _{90.9}
ZSM-5, (Cs)	45-133	C	11.2 ₂ 9.97 ₂ 3.85 ₂	20.10	19.93	13.43	90.00	90.00	90.00	O	Ca _{0.4} (Al _{0.9} Si _{22.1} O ₄₉)•2.4H ₂ O
ZSM-5, (Fe)	39-161	O	3.85 ₂ 3.81 ₂ 3.72 ₂							X	Na _{1.22} H _{1.22} (FeO ₂) _{5.45} (SiO ₂) _{90.55}
ZSM-5, (H)	37-359	O	3.85 ₂ 11.3 ₂ 10.2 ₂							X	H-Al ₂ O ₃ -SiO ₂
ZSM-5, (Na)	37-361	O	3.84 ₂ 11.0 ₂ 3.81 ₂							X	Na _{0.2} Al _{0.2} (Si _{11.6} O _{20.8})
ZSM-5, (Ti)	45-191	C	8.65 ₂ 11.1 ₂ 3.82 ₂	20.11	19.93	13.43	90.00	90.00	90.00	O	Ti _{3.35} Al _{3.45} Si _{92.57} O ₁₉₂ •27.14H ₂ O
ZSM-8	41-411		3.86 ₂ 11.2 ₂ 9.95 ₂	19.98	19.90	13.36	90.00	90.00	90.00	O	Na _{0.25} Al _{0.25} Si _{95.75} O _{190.5}
ZSM-8	48-134	★	11.2 ₂ 3.85 ₂ 3.83 ₂	20.08	19.94	13.41	90.00	90.00	90.00	O	Na _{0.6} Al _{0.6} Si _{95.4} O ₁₉₂ •x(C ₈ H ₂₀ N) ₄ •xH ₂ O
ZSM-8	48-135	★	11.2 ₂ 3.88 ₂ 3.86 ₂	20.12	19.93	13.41	90.00	90.00	90.00	O	H _{1.7} Na _{0.6} Al _{0.6} Si _{95.4} O ₁₉₂
Zeolite HZSM-5	49-657	O	3.87 ₂ 3.83 ₂ 3.73 ₂							X	H _{1.65} Na _{0.32} (SiO ₂) _{91.62} (AlO ₂) _{4.87} •24H ₂ O
ZSM-57—MFS											
ZSM-57	45-192	C	11.3 ₂ 9.98 ₂ 6.93 ₂	7.45	14.17	18.77	90.00	90.00	90.00	O	H _{1.5} Al _{1.5} Si _{94.5} O ₇₂
ZSM-57, calcined	47-635	O	3.76 ₂ 11.3 ₂ 3.40 ₂							X	H _{1.44} Na _{0.56} Al ₂ Si ₉₃ O ₉₀
Montesommaite—MON											
Montesommaite	46-1351	i	3.30 ₂ 3.13 ₂ 6.59 ₂	10.10	10.10	17.31	90.00	90.00	90.00	O	(K,N ₂) ₆ Al ₉ Si ₂₂ O ₆₄ •10H ₂ O
Mordenite—MOR											
ECR-1	47-288	O	3.17 ₂ 3.50 ₂ 9.10 ₂	18.15	26.31	7.31	90.00	90.00	90.00	O	Na ₂ O-Al ₂ O ₃ -SiO ₂
Ferrimordenite	48-613		3.47 ₂ 4.00 ₂ 3.23 ₂	18.17	20.52	7.49	90.00	90.00	90.00	O	Na-Fe-Si-O•xH ₂ O
Mordenite	6-239	i	3.48 ₂ 3.22 ₂ 9.10 ₂	18.16	20.45	7.54	90.00	90.00	90.00	O	(Ca,N ₂ ,K ₂)Al ₉ Si ₂₀ O ₆₄ •7H ₂ O
Mordenite	29-1267	i	9.06 ₂ 4.00 ₂ 3.48 ₂	18.11	20.61	7.53	90.00	90.00	90.00	O	(Na ₂ ,Ca,K ₂)Al ₉ Si ₂₀ O ₆₄ •7H ₂ O
Mordenite	47-410	O	9.08 ₂ 3.48 ₂ 4.00 ₂	18.08	20.49	7.58	90.00	90.00	90.00	O	Na _{0.6} Gd _{0.2} Si _{10.5} O _{25.6} •0.21C ₂₀ H ₄₄ N ₄ O
Mordenite, (Ba)	44-48	C	13.5 ₂ 8.99 ₂ 3.43 ₂	17.97	20.32	7.42	90.00	90.00	90.00	O	Ca _{0.32} Ba _{0.32} (Al _{8.5} Si _{13.5} O ₃₈)
Mordenite, (Ca)	41-155		3.48 ₂ 3.22 ₂ 9.10 ₂							X	CaAl ₂ Si ₁₀ O ₂₄ •7H ₂ O
Mordenite, (Ca)	44-1391	C	3.47 ₂ 13.6 ₂ 3.99 ₂	18.19	20.47	7.51	90.00	90.00	90.00	O	Cs _{0.6} Al _{0.6} Si ₁₀ O ₂₄
Mordenite, (NH ₄)	43-171	★	9.06 ₂ 3.46 ₂ 3.86 ₂	18.13	20.32	7.48	90.00	90.00	90.00	O	(NH ₄) ₄ Ca _{0.4} Na _{0.4} Al ₁₂ Si _{43.6} O ₉₆ •xH ₂ O
Mordenite, (Na)	31-1268	O	6.96 ₂ 6.80 ₂ 6.41 ₂							X	Na ₂ Al ₂ Si ₁₀ O ₂₄ •7H ₂ O
Mordenite, (Na,Li)	38-318	O	3.44 ₂ 9.02 ₂ 3.86 ₂							X	0.345Li ₂ O•0.36Na ₂ O•Al ₂ O ₃ •10.2SiO ₂ •6.6H ₂ O
Mordenite, (Rb)	44-1387	C	13.6 ₂ 3.45 ₂ 3.99 ₂	18.13	20.41	7.46	90.00	90.00	90.00	O	Rb _{0.4} Al _{0.4} Si ₁₀ O ₂₄
TASO-38	46-860	O	9.03 ₂ 3.99 ₂ 3.47 ₂							X	((C ₈ H ₇) ₂ N) ₂ O-Al ₂ O ₃ -SiO ₂ -TiO ₂ -Na ₂ O-H ₂ O
TASO-38	46-861	O	9.03 ₂ 3.99 ₂ 3.47 ₂							X	Na _{0.25} Ti _{0.25} Ca _{0.6} Al _{0.6} Si _{0.525} O _{2.17}
Zeolite Al-mordenite	49-924	i	3.45 ₂ 3.97 ₂ 9.05 ₂	18.07	20.28	7.49	90.00	90.00	90.00	O	Na ₂ Al ₂ Si _{13.3} O _{25.64}
Zeolite Ga-mordenite	49-925	★	3.47 ₂ 3.98 ₂ 3.22 ₂	18.07	20.44	7.51	90.00	90.00	90.00	O	Na _{1.8} Gd _{0.2} Si _{10.4} O ₂₅
Zeolite M, (Sr)	17-138		3.48 ₂ 3.23 ₂ 2.92 ₂	18.13	20.50	7.52	90.00	90.00	90.00	O	SrAl ₂ Si ₁₀ O ₂₄ •7H ₂ O
ZSM-39—MTN											
CF-3	39-155	O	11.2 ₂ 3.69 ₂ 4.31 ₂							X	C _{6.04} H _{18.12} N _{3.02} •0.64Na ₂ O•Al ₂ O ₃ •87SiO ₂ •3.97H ₂ O
Dodecasil-3C	39-227	C	3.73 ₂ 5.85 ₂ 3.28 ₂	19.40	19.40	19.40	90.00	90.00	90.00	C	(N ₂ ,Ar,CH ₄) ₄ (N(CH ₃) ₃ ,CO) ₄ Si ₁₂₆ O ₂₇₂
Dodecasil-3C	45-234	★	3.74 ₂ 3.28 ₂ 5.88 ₂	13.68	13.68	19.54	90.00	90.00	90.00	T	Si ₁₂₆ O ₂₇₂ (N ₂ O ₂ ,Ar) ₄ (C ₆ H ₁₃ NH) ₄
ZSM-39	40-136	O	5.65 ₂ 3.26 ₂ 3.71 ₂	19.27	19.27	19.27	90.00	90.00	90.00	C	C ₆ H ₁₂ N ₂ O-SiO ₂ -(NH ₄) ₂ O-Li ₂ O ₂ -H ₂ O
ZSM-39	41-553	O	3.74 ₂ 3.28 ₂ 5.86 ₂	13.69	13.69	19.52	90.00	90.00	90.00	T	CH ₆ N-H-SiO ₂ -H ₂ O
ZSM-39	47-719	O	3.72 ₂ 5.83 ₂ 3.27 ₂							X	Na _{0.91} Al _{0.91} Si _{1.09} O _{3.04} •((CH ₃) ₄ N) ₄ C ₃ H ₇ NH ₂ •0.06•xH ₂ O
ZSM-39	47-720	O	5.82 ₂ 5.56 ₂ 3.72 ₂	19.40	19.40	19.40	90.00	90.00	90.00	C	SiO ₂
ZSM-23—MTT											
IS1-4	43-15	O	10.9 ₂ 4.51 ₂ 3.69 ₂							X	Na _{1.8} Al ₂ Si _{17.4} O _{151.8}
SSZ-32	48-495	O	3.92 ₂ 3.73 ₂ 4.55 ₂							X	Al ₂ O ₃ •32.7SiO ₂ •x(C ₈ H ₁₈ NO) ₄ •xNa ₂ O
ZSM-23	43-582	O	3.90 ₂ 3.72 ₂ 4.26 ₂							X	Na _{0.16} Al _{0.16} Si _{1.84} O _{5.16}
ZSM-23	44-102	O	3.90 ₂ 3.73 ₂ 4.27 ₂							X	Al ₂ Si _{16.6} O _{126.33}
ZSM-23	46-670	C	10.8 ₂ 11.1 ₂ 4.47 ₂	5.01	21.52	11.13	90.00	90.00	90.00	O	Si ₂₄ O ₄₈
Zeolite KZ-1	37-411	O	10.9 ₂ 3.88 ₂ 4.51 ₂							X	Al _{0.239} Na _{0.12} Si _{1.5} O _{2.25}
ZSM-12—MTW											
CZH-5	47-721	O	4.24 ₂ 4.07 ₂ 11.8 ₂							X	Na _{0.46} Al _{0.46} Si _{0.54} O _{1.52} •2.76C ₆ H ₁₁ NO•xH ₂ O
TASO-49	46-864	O	4.31 ₂ 3.87 ₂ 12.1 ₂							X	(C ₂ H ₅) ₄ N ₂ O-Al ₂ O ₃ -TiO ₂ -Na ₂ O-SiO ₂ -H ₂ O
ZSM-12	43-439	i	4.29 ₂ 3.87 ₂ 3.96 ₂	12.60	11.10	24.40	90.00	108.00	90.00	M	Na _{1.19} Al _{1.19} Si _{1.81} O _{5.98}
ZSM-12	44-68	O	4.24 ₂ 3.87 ₂ 3.84 ₂							X	2C ₁₂ H ₁₈ N ₂ O•0.18Na ₂ O•Al ₂ O ₃ •78SiO ₂
ZSM-12	47-708	O	4.26 ₂ 3.88 ₂ 3.46 ₂	24.90	5.00	12.16	90.00	107.70	90.00	M	Na-Al-Si-O-C ₁₇ H ₃₄ N ₄ -H ₂ O
MCM-22—MWW											
MCM-22	48-75	O	3.48 ₂ 12.5 ₂ 8.85 ₂							X	Al ₂ O ₃ •21SiO ₂
SSZ-25	46-267	O	13.8 ₂ 12.3 ₂ 3.42 ₂							X	Al ₂ O ₃ -SiO ₂ -C ₁₂ H ₂₂ NOH
SSZ-25	50-1679	i	12.3 ₂ 11.1 ₂ 8.80 ₂	14.10	14.10	25.20	90.00	90.00	120.00	H	K(SiAl)O ₂
SSZ-25, calcined	51-1598	O	12.3 ₂ 8.81 ₂ 3.42 ₂							X	K ₂ (Al ₂ Si ₁₂ O ₂)
Zeolite MCM-22	49-656	i	12.3 ₂ 8.73 ₂ 11.0 ₂	14.11	14.11	24.88	90.00	90.00	120.00	H	H _{2.37} Na _{3.10} (Al _{0.235} B _{0.11} Si _{0.655} O ₁₄₄)
Natrolite—NAT											
Ca-Tetranatrolite	42-1381	i	2.90 ₂ 5.90 ₂ 4.41 ₂	13.25	13.25	6.60	90.00	90.00	90.00	T	(Na,Ca) ₂ (Si,Al) ₂ O ₁₀ •2H ₂ O
Gonnardite	10										

Cell Parameters			Cell Angles			S _{max}
a	b	c	α	β	γ	

Zeolite and Molecular Sieve Index 1101

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections	Cell Parameters			Cell Angles			Crys. Sys.	Chemical Formula
				a	b	c	α	β	γ		
UCSB-10GaZn—SBT											
UCSB-10GaZn	49-617	C	14.7, 14.0, 12.5	18.08	18.08	41.95	90.00	90.00	120.00	R	$x\text{C}_{10}\text{H}_{26}\text{N}_2 \cdot [\text{Ga}_{30}\text{Zn}_{30}\text{P}_{72}\text{O}_{288}]$
SSZ-44—SFF											
SSZ-44	52-115	O	4.63, 11.0, 3.48							X	$\text{C}_{11}\text{H}_{22}\text{N}_2\text{Al}_2\text{O}_3 \cdot \text{Na-SiO}_2 \cdot \text{H}_2\text{O}$
SSZ-44	52-117	O	4.63, 11.0, 10.2							X	$\text{C}_{11}\text{H}_{22}\text{N}_2\text{Al}_2\text{O}_3 \cdot \text{Na-SiO}_2 \cdot \text{H}_2\text{O}$
Sigma-2—SGT											
ZSM-58	43-40	O	5.16, 3.39, 3.36	10.24	10.24	34.38	90.00	90.00	90.00	X	$\text{Na}_{0.3}\text{Al}_{1.254}\text{Si}_{100}\text{O}_{233.998}$
Zeolite Sigma-2	40-1498	*	4.54, 4.49, 2.76	10.24	10.24	34.38	90.00	90.00	90.00	T	$\text{Si}_{64}\text{O}_{128}(\text{C}_{10}\text{H}_{17}\text{N})_4$
Zeolite Sigma-2	42-26	C	4.49, 4.54, 3.34	10.24	10.24	34.38	90.00	90.00	90.00	T	$\text{Si}_{64}\text{O}_{128}(\text{C}_{10}\text{H}_{17}\text{N})_4$
Sodalite—SOD											
AlPO-4-20	43-569	O	3.63, 6.33, 4.46	8.91	8.91	8.91	90.00	90.00	90.00	X	$\text{AlPO}_4 \cdot 1.085\text{H}_2\text{O}$
AlPO-4-20	45-509	i	3.64, 6.29, 4.45	8.93	8.93	8.93	90.00	90.00	90.00	C	$\text{C}_4\text{H}_{12}\text{N-Na}_2\text{O-AlPO}_4 \cdot \text{H}_2\text{O}$
AlPO-4-20	50-1697	O	3.64, 4.46, 6.29	8.93	8.93	8.93	90.00	90.00	90.00	X	AlPO_4
AlPO-4-20 (Sodalite)	47-597	O	6.19, 3.59, 4.37	8.98	8.98	8.98	90.00	90.00	90.00	C	$\text{C}_4\text{H}_{12}\text{N-AlPO}_4 \cdot \text{Co}_2\text{O}_3 \cdot \text{H}_2\text{O}$
CoAPO-20	50-1701	O	3.66, 4.48, 6.32	8.98	8.98	8.98	90.00	90.00	90.00	C	$\text{C}_4\text{H}_{12}\text{N-Na}_2\text{O-AlPO}_4 \cdot \text{CuO} \cdot \text{H}_2\text{O}$
CaAPO-20	50-1700	O	3.65, 4.46, 6.31	8.95	8.95	8.95	90.00	90.00	90.00	C	$\text{C}_4\text{H}_{12}\text{N-Na}_2\text{O-AlPO}_4 \cdot \text{CuO} \cdot \text{H}_2\text{O}$
DPZ-7A	47-246	i	3.60, 2.55, 2.79	8.82	8.82	8.82	90.00	90.00	90.00	C	$\text{Na}_2\text{Zn}_6(\text{PO}_4)_6 \cdot 8\text{H}_2\text{O}$
DPZ-7B	47-247	*	2.61, 6.40, 3.69	9.03	9.03	9.03	90.00	90.00	90.00	C	$\text{Na}_2\text{Zn}_6(\text{AsO}_4)_6 \cdot 8\text{H}_2\text{O}$
Danallite	11-491	i	3.35, 1.93, 2.19	8.21	8.21	8.21	90.00	90.00	90.00	C	$(\text{Fe}, \text{Mn})_2\text{Be}_2\text{Si}_2\text{O}_{12}\text{S}$
Ethylene glycol sodalite	49-1063	*	3.60, 6.24, 4.42	8.83	8.83	8.83	90.00	90.00	90.00	C	$\text{C}_2\text{H}_4(\text{OH})_2 \cdot 0.1675\text{H}_2\text{O}$
Gentherite	38-467	*	3.31, 1.91, 2.17	8.12	8.12	8.12	90.00	90.00	90.00	C	$\text{Zn}_4\text{Be}_2\text{Si}_2\text{O}_{12}\text{S}$
Hauyne	37-473	*	3.72, 2.63, 2.15	9.12	9.12	9.12	90.00	90.00	90.00	C	$\text{Na}_2\text{Co}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{SO}_4)_2$
Hauyne	50-1644	*	3.72, 2.62, 2.14	9.08	9.08	9.08	90.00	90.00	90.00	C	$\text{K}_{0.25}\text{Na}_{0.11}\text{Ca}_{1.26}\text{Al}_{5.86}\text{Si}_{6.14}\text{O}_{24}(\text{SO}_4)_2$
Hauyne-Pb	29-1221	i	3.72, 2.64, 2.15	9.12	9.12	9.12	90.00	90.00	90.00	C	$\text{Na}_2\text{Pb}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{SO}_4)_2$
Hydroxysodalite	11-401	i	3.63, 6.25, 2.56	8.87	8.87	8.87	90.00	90.00	90.00	C	$\text{Na}_4\text{Al}_3\text{Si}_3\text{O}_{12}(\text{OH})$
Lazurite	17-749	i	3.71, 2.62, 2.87	9.09	9.09	9.09	90.00	90.00	90.00	C	$\text{Na}_2\text{Co}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{SO}_4)_2$
Lazurite	41-1392	i	3.71, 2.62, 2.87	9.09	9.09	9.09	90.00	90.00	90.00	A	$\text{Na}_2\text{Co}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{SO}_4)_2$
Lazurite	41-1393	*	3.72, 2.62, 2.87	9.09	9.09	9.09	90.00	90.00	90.00	M	$\text{Na}_2\text{Co}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{SO}_4)_2$
Lazurite	42-1312	i	3.71, 2.62, 2.87	9.07	9.07	9.07	90.00	90.00	90.00	C	$\text{Na}_2\text{Co}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{SO}_4)_2$
MnAPO-20	50-1698	O	4.61, 3.69, 2.62	9.00	9.00	9.00	90.00	90.00	90.00	C	$\text{C}_4\text{H}_{12}\text{N-Na}_2\text{O-AlPO}_4 \cdot \text{MnO} \cdot \text{H}_2\text{O}$
NaAPO-20	50-1699	O	3.68, 4.51, 6.42	8.99	8.99	8.99	90.00	90.00	90.00	C	$\text{C}_4\text{H}_{12}\text{N-AlPO}_4 \cdot \text{NiO} \cdot \text{H}_2\text{O}$
Nosean	17-538	i	3.71, 2.63, 6.45	9.08	9.08	9.08	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}\text{SO}_4$
SAPO-20	45-510	i	3.67, 4.49, 6.35	8.98	8.98	8.98	90.00	90.00	90.00	C	$(\text{Al}_2)_4\text{Si}_{16}\text{P}_8\text{O}_{40}\text{O}_2$
SAPO-20	47-615	O	3.66, 4.48, 6.28	8.97	8.97	8.97	90.00	90.00	90.00	C	$\text{Al}_2\text{O}_3\text{Si}_{16}\text{P}_8\text{O}_{40}\text{O}_2 \cdot 0.16\text{C}_4\text{H}_{12}\text{N} \cdot 0.12\text{H}_2\text{O}$
SAPO-20	47-616	i	3.63, 3.66, 4.48	8.97	8.97	8.97	90.00	90.00	90.00	C	$\text{Al}_2\text{O}_3\text{Si}_{16}\text{P}_8\text{O}_{40}\text{O}_2$
Silica sodalite	51-1423	i	3.61, 6.25, 4.42	8.86	8.86	8.86	90.00	90.00	90.00	C	$(\text{C}_2\text{H}_5\text{NOXSiO}_2)_2$
Sodalite	37-476	*	3.62, 6.28, 2.09	8.88	8.88	8.88	90.00	90.00	90.00	C	$\text{Na}_4\text{Al}_3\text{Si}_3\text{O}_{12}\text{Cl}$
Sodalite	46-103	*	3.72, 6.44, 2.63	9.10	9.10	9.10	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}\text{S}$
Sodalite	50-562	*	3.62, 4.44, 6.28	8.87	8.87	8.87	90.00	90.00	90.00	C	$(\text{C}_2\text{H}_5\text{O}_2\text{SiO}_2)_2$
Sodalite	52-145	i	3.70, 6.41, 2.61	9.06	9.06	9.06	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{OH})_2$
Sodalite	52-146	i	3.67, 6.36, 2.12	9.00	9.00	9.00	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{Cl}, \text{OH})_2$
Sodalite (F)	49-937	i	3.65, 3.67, 2.12	8.99	8.99	8.99	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}\text{NaF} \cdot x\text{H}_2\text{O}$
Sodalite (Li, Cl, Be, As)	46-560	C	3.68, 3.36, 5.82	8.24	8.24	8.24	90.00	90.00	90.00	C	$\text{Li}_4\text{ClBe}_2\text{As}_2\text{O}_{12}$
Sodalite (Li, Cl, Be, P)	46-561	C	3.28, 5.68, 3.53	8.03	8.03	8.03	90.00	90.00	90.00	C	$\text{Li}_4\text{ClBe}_2\text{P}_2\text{O}_{12}$
Sodalite, (Ag)	43-238	i	3.65, 2.83, 2.11	8.96	8.96	8.96	90.00	90.00	90.00	C	$\text{Ag}_2\text{Al}_6\text{Si}_6\text{O}_{24} \cdot 8\text{H}_2\text{O}$
Sodalite, (Ag)	43-239	i	3.62, 1.99, 2.57	8.92	8.92	8.92	90.00	90.00	90.00	C	$\text{Ag}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{OH})_2 \cdot 2\text{H}_2\text{O}$
Sodalite, (Ag, Ga)	43-240	i	3.65, 3.68, 2.41	9.02	9.02	9.02	90.00	90.00	90.00	C	$\text{Ag}_2\text{Al}_6\text{Si}_6\text{O}_{24} \cdot 8\text{H}_2\text{O}$
Sodalite, (B(OH)4)	43-250	i	3.66, 2.60, 2.12	9.01	9.01	9.01	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{B(OH)}_4)_2$
Sodalite, (B(OH)4)	43-251	i	3.67, 2.60, 6.39	18.06	18.06	9.01	90.00	90.00	90.00	T	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{B(OH)}_4)_2$
Sodalite, (CN)	37-196	i	3.64, 6.31, 2.58	8.92	8.92	8.92	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{CN})_2 \cdot x\text{H}_2\text{O}$
Sodalite, (CO3)	24-1045	i	6.26, 3.63, 2.58	17.71	17.71	17.71	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}\text{CO}_3$
Sodalite, (Ga)	43-245	i	6.21, 3.60, 2.59	8.84	8.84	8.84	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$
Sodalite, (Ge)	43-141	C	6.38, 3.69, 2.61	9.03	9.03	9.03	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{OH})_2$
Sodalite, (Ge)	43-241	*	2.62, 6.42, 1.61	8.08	9.08	9.08	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{NO}_3)_2$
Sodalite, (Ge)	43-242	i	2.61, 2.59, 1.39	9.03	9.03	9.03	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{OH})_2 \cdot 2\text{H}_2\text{O}$
Sodalite, (Ge, B(OH)4)	43-246	i	2.64, 1.62, 3.73	9.15	9.15	9.15	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{B(OH)}_4)_2$
Sodalite, (Ge, Br)	43-138	C	3.71, 2.43, 4.07	9.09	9.09	9.09	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}\text{Br}_2$
Sodalite, (Ge, Br)	43-248	i	2.43, 1.61, 3.71	9.09	9.08	9.08	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}\text{Br}_2$
Sodalite, (Ge, Cl)	43-139	C	3.69, 6.40, 2.61	9.04	9.04	9.04	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}\text{Cl}_2$
Sodalite, (Ge, Cl)	43-247	i	2.61, 3.69, 2.43	9.03	9.03	9.03	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}\text{Cl}_2$
Sodalite, (Ge, ClO4)	43-244	i	3.77, 2.92, 1.52	9.23	9.23	9.23	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{ClO}_4)_2$
Sodalite, (Ge, I)	43-140	C	3.75, 2.45, 4.59	9.18	9.18	9.18	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}\text{I}_2$
Sodalite, (Ge, I)	43-249	*	2.45, 3.74, 2.16	9.16	9.16	9.16	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}\text{I}_2$
Sodalite, (Ge, NO3)	43-243	i	3.72, 2.63, 1.61	9.11	9.11	9.11	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{NO}_3)_2$
Sodalite, (Ge, Br)	43-1487	C	3.71, 2.43, 6.43	9.09	9.09	9.09	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}\text{Br}_2(\text{OH})_2$
Sodalite, (K, Cl)	41-72	O	3.75, 2.17, 2.89	8.93	8.93	8.93	90.00	90.00	90.00	X	$\text{KNa}_2\text{Al}_3\text{Si}_3\text{O}_{12}$
Sodalite, (NH4)	14-17	O	3.64, 6.33, 2.58	8.93	8.93	8.93	90.00	90.00	90.00	C	$(\text{NH}_4)_2\text{Al}_2\text{Si}_2\text{O}_{12}\text{Cl}$
Sodalite, (NH4, CO3)	48-443	i	3.67, 6.36, 2.60	9.00	9.00	9.00	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{NO}_3)(\text{CO}_3)_2$
Sodalite, (Na, ClO4)	44-79	i	3.72, 2.63, 2.14	9.10	9.10	9.10	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}\text{ClO}_4$
Sodalite, (Na, Zn, P)	45-122	C	6.24, 3.60, 2.56	8.63	8.63	8.63	90.00	90.00	90.00	C	$\text{Na}_2\text{ZnPO}_4 \cdot 8\text{H}_2\text{O}$
Sodalite, (Na, NO3)	50-248	*	3.67, 2.12, 2.59	8.98	8.98	8.98	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_6\text{Si}_6\text{O}_{24}(\text{NO}_3)_2$
Sodalite, (Rb, Cl)	41-73	O	3.16, 2.65, 3.22	9.03	9.03	9.03	90.00	90.00	90.00	X	$\text{Na}_2\text{RbAl}_3\text{Si}_3\text{O}_{12}$
Sodalite, (Zn, As)	45-134	C	6.38, 3.69, 2.61	9.03	9.03	9.03	90.00	90.00	90.00	C	$\text{Na}_2\text{ZnAs}_2\text{O}_{12} \cdot 8\text{H}_2\text{O}$
TASO-20	46-865	O	3.65, 6.33, 4.48	8.93	8.93	8.93	90.00	90.00	90.00	X	$(\text{CH}_3)_4\text{N}_2\text{O-Na}_2\text{O-Al}_2\text{O}_3\text{-TiO}_2\text{-SiO}_2 \cdot \text{H}_2\text{O}$
TASO-20	46-866	O	3.65, 6.33, 4.48	8.93	8.93	8.93	90.00	90.00	90.00	X	$\text{Na}_2\text{O-Al}_2\text{O}_3\text{-TiO}_2\text{-SiO}_2$
Unnamed ze											

Zeolite Structure Type Name—Code

Zeolite Name	PDF# QM	3 Strongest Reflections	Cell Parameters			Cell Angles			Crys. Chemical Sys. Formula
			a	b	c	α	β	γ	
Unnamed zeolite	42-213	i	3.71 ₁	2.62 ₁	6.44 ₆	9.08	9.08	9.08	C ₄ H ₁₂ Al ₂ Na ₂ O ₂₂ Si ₄
Unnamed zeolite	42-214	i	3.69 ₁	2.61 ₁	6.38 ₆	9.03	9.03	9.03	Na ₂ [AlSiO ₄] ₁₂ CO ₃
Unnamed zeolite	42-215	*	3.63 ₁	2.67 ₁	2.10 ₆	8.89 ₁	8.89	8.89	Na ₄ [AlSiO ₄] ₆ (OH) ₂ •2H ₂ O
Unnamed zeolite	42-216	i	3.66 ₁	2.69 ₁	2.83 ₆	8.87 ₁	8.87	8.87	Na ₆ [AlSiO ₄] ₆ •4H ₂ O
Unnamed zeolite	42-217	i	6.41 ₁	3.71 ₁	2.63 ₆	9.10	9.10	9.10	Na ₆ [AlSiO ₄] ₆
Unnamed zeolite	44-306	*	3.23 ₁	2.63 ₁	4.57 ₁	9.12	9.12	9.12	Ag ₂ [AlSiO ₄] ₆ CrO ₄
Unnamed zeolite	44-307	*	3.72 ₁	3.22 ₁	2.63 ₁	9.12	9.12	9.12	Ag ₂ [AlSiO ₄] ₆ (ClO ₄) ₂
Unnamed zeolite	44-308	*	3.67 ₁	2.12 ₁	2.85 ₁	9.00	9.00	9.00	Ag ₂ [AlSiO ₄] ₆ (NO ₃) ₂
Unnamed zeolite	44-309	*	3.65 ₁	6.33 ₁	2.83 ₁	8.95	8.95	8.95	Na ₆ [AlCoO ₄] ₆ •8H ₂ O
Unnamed zeolite	44-310	*	3.76 ₁	2.45 ₁	2.16 ₁	9.18	9.18	9.18	Na ₂ Ca ₂ [AlSiO ₄] ₁₂ (WO ₄) ₂
Unnamed zeolite	44-311	*	3.72 ₁	3.23 ₁	2.63 ₁	9.13	9.13	9.13	Na ₆ Ca ₂ [AlSiO ₄] ₁₂ (MoO ₄) ₂
Unnamed zeolite	44-312	*	3.73 ₁	3.23 ₁	2.44 ₁	9.14	9.14	9.14	Na ₆ Ca ₂ [AlSiO ₄] ₁₂ (WO ₄) ₂
Unnamed zeolite	44-313	*	3.71 ₁	2.89 ₁	2.14 ₁	9.09	9.09	9.09	Pb ₄ [AlSiO ₄] ₆ (OH) ₂ •5H ₂ O
Unnamed zeolite	44-704	*	3.62 ₁	4.44 ₁	6.24 ₁	8.86	8.86	8.86	[C ₂ H ₅ O] ₂ [Si ₁₂ O ₄₂]
Unnamed zeolite	44-705	*	3.65 ₁	6.33 ₁	4.47 ₁	8.93	8.93	8.96	[(H ₃ O) ₄ N] ₂ (GaSi ₁₀ O ₃₂)
Unnamed zeolite	44-1396	i	3.71 ₁	2.62 ₁	2.87 ₁	9.07	9.07	9.07	Na ₂ Ca ₂ Al ₂ Si ₂ O ₂₄ (SO ₄) ₂
Unnamed zeolite	47-234	*	3.65 ₁	6.33 ₁	2.59 ₁	8.93	8.93	8.93	Na ₆ [AlSiO ₄] ₆ (NO ₃) ₂
Unnamed zeolite	49-757	*	3.63 ₁	6.30 ₁	2.67 ₁	8.90	8.90	8.90	Na ₆ Al ₂ Si ₂ O ₂₄ (CO ₃) ₂ (OH)•8H ₂ O
Zeolite V	59-191	i	9.44 ₁	2.84 ₁	2.98 ₁	8.41	9.41	9.41	Na ₂ K ₂ Al ₂ Si ₂ O ₂₄ •12H ₂ O
Zeolite Zh	16-612	i	3.63 ₁	2.81 ₁	2.56 ₁				Na ₂ O•Al ₂ O ₃ •2.1SiO ₂ •xH ₂ O

SSZ-35—STF

ITQ-9	51-1378	i	11.0 ₁	9.06 ₁	7.27 ₁	14.76	18.16	7.35	88.84	111.17	90.70	A	SiO ₂
SSZ-35, as-synthesized	51-1593	i	11.1 ₁	4.61 ₁	4.47 ₁	11.64	11.67	7.46	95.81	95.19	105.71	A	SiO ₂
SSZ-35, as-synthesized, aluminosilicate	51-1595	O	11.0 ₁	4.60 ₁	4.46 ₁							X	K ₂ (Al ₂ Si ₁₀ O ₃₈)•H ₂ O
SSZ-35, calcined	51-1594	O	11.1 ₁	9.15 ₁	4.56 ₁	11.43	11.61	7.39	94.97	96.03	104.97	A	SiO ₂

Stilbite—STI

Berberite	29-1185	i	9.10 ₁	4.05 ₁	3.03 ₁	13.64	18.20	17.84	90.00	90.00	90.00	O	(Na,K,Ca) ₂ (Si ₂ Al ₂)O ₁₈ •7H ₂ O
Stilbite	25-124	i	9.03 ₁	4.06 ₁	3.03 ₁	13.50	18.22	17.88	90.00	90.00	90.00	O	Ca ₂ Al ₂ Si ₁₀ O ₃₈ •14H ₂ O
Stilbite, (Ca)	24-854	i	4.06 ₁	4.04 ₁	3.11 ₁	12.84	18.24	11.87	90.00	128.00	90.00	M	(Ca,Na) ₁₂ (Si ₂ Al ₂)O ₁₈ •8H ₂ O
Stilbite, (Na,Ca,Cu)	46-1082	i	8.75 ₁	3.59 ₁	3.03 ₁	15.86	19.90	11.88	90.00	132.15	90.00	M	Na ₂ Ca ₂ Al ₂ Si ₁₀ O ₃₈ •xNH ₃ •32H ₂ O
Stilbite, (Na,Ca,Cu)	45-1256	i	4.04 ₁	4.76 ₁	2.97 ₁	13.81	18.24	11.26	90.00	128.07	90.00	M	Na ₂ Ca ₂ Al ₂ Si ₁₀ O ₃₈ •xNH ₃ •32H ₂ O
Unnamed zeolite	44-1479	*	9.14 ₁	4.06 ₁	3.03 ₁	13.64	18.25	11.27	90.00	127.84	90.00	M	(Na,K)Ca ₂ Al ₂ Si ₁₀ O ₃₈ •14H ₂ O

SSZ-23—STT

SSZ-23	51-1377	*	9.42 ₁	10.9 ₁	8.40 ₁	13.12	21.77	13.70	90.00	102.51	90.00	M	SiO ₂
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Terranovaite—TER

Terranovaite	50-1714	C	3.80 ₁	3.78 ₁	10.3 ₁	9.75	23.88	20.07	90.00	90.00	90.00	O	(Na ₄ Ca ₂ K ₂ Mg ₂ Ca ₂)(Al ₁₂ Si ₆ 7O ₁₅₀)•29H ₂ O
Terranovaite	51-1439	i	3.79 ₁	10.2 ₁	11.3 ₁	9.75	23.88	20.07	90.00	90.00	90.00	O	NaCaAl ₂ Si ₁₁ O ₄₀ •H ₂ O

Thomsonite—THO

Thomsonite	35-498	i	4.63 ₁	2.94 ₁	2.86 ₁	13.05	13.09	13.28	90.00	90.00	90.00	O	NaCa ₂ Al ₂ Si ₁₀ O ₃₈ •6H ₂ O
Thomsonite	46-1448	i	2.86 ₁	3.51 ₁	4.62 ₁	13.08	13.10	13.22	90.00	90.00	90.00	O	NaCa ₂ Al ₂ Si ₁₀ O ₃₈ •6H ₂ O

Theta-1—TON

Na-10	37-355	i	3.64 ₁	4.33 ₁	3.69 ₁	13.72	17.16	5.02	90.00	90.00	90.00	O	H-Al ₂ O ₃ -SiO ₂
Na-10	39-96	O	4.38 ₁	3.68 ₁	3.63 ₁							X	C ₂₈ H ₇₀ N ₄ •0.16Na ₂ O•Al ₂ O ₃ •120SiO ₂ •6.6H ₂ O
Na-10	39-97	O	4.36 ₁	3.67 ₁	3.62 ₁							X	C ₂₇ H ₇₀ N ₄ •0.35K ₂ O•Al ₂ O ₃ •126SiO ₂ •5.5H ₂ O
Na-10	39-98	O	4.37 ₁	3.68 ₁	3.62 ₁							X	C ₂₈ H ₇₀ N ₄ •Rb ₂ O•Al ₂ O ₃ •SiO ₂ •H ₂ O
Na-10	39-99	O	4.36 ₁	3.68 ₁	3.64 ₁							X	C ₂₈ H ₇₀ N ₄ •Cs ₂ O•Al ₂ O ₃ •SiO ₂ •H ₂ O
Na-10	44-611	i	4.35 ₁	3.65 ₁	10.7 ₁	13.80	17.40	5.00	90.00	90.00	90.00	O	24SiO ₂ •1.3(C ₂ H ₅) ₂ NH•0.9H ₂ O
Na-10	44-612	i	4.35 ₁	3.67 ₁	10.8 ₁	13.86	17.40	5.00	90.00	90.00	90.00	O	24SiO ₂ •(C ₂ H ₅) ₂ NH•0.5H ₂ O
Na-10, (H)	38-194	O	3.57 ₁	3.62 ₁	4.31 ₁							X	H-Al ₂ O ₃ -SiO ₂
Na-10, (K,H)	37-358	O	10.8 ₁	4.36 ₁	3.87 ₁							X	K _{0.70} Al ₂ Si ₁₂ O _{38.35}
Na-10, (K,Na)	39-95	O	3.68 ₁	3.63 ₁	4.31 ₁							X	C ₂₈ H ₇₀ N ₄ •Na ₂ O•K ₂ O•SiO ₂ •Al ₂ O ₃
Na-10, (Na)	39-94	O	3.64 ₁	4.35 ₁	3.60 ₁							X	C ₂₈ H ₇₀ N ₄ •Na ₂ O•Al ₂ O ₃ •SiO ₂
Unnamed zeolite	49-77	*	4.36 ₁	3.67 ₁	3.61 ₁	13.84	17.40	5.03	90.00	90.00	90.00	O	24SiO ₂ •1.82Cl
Unnamed zeolite	49-82	*	3.66 ₁	4.36 ₁	4.35 ₁	13.84	17.40	5.03	90.00	90.00	90.00	O	24SiO ₂ •1.35Br
Unnamed zeolite	49-83	*	3.66 ₁	3.61 ₁	4.35 ₁	13.85	17.38	5.03	90.00	90.00	90.00	O	24SiO ₂ •1.18I ₂
Unnamed zeolite	49-84	*	3.66 ₁	4.36 ₁	3.61 ₁	13.84	17.40	5.03	90.00	90.00	90.00	O	24SiO ₂ •1.5Br ₂
SSM-22	44-119	O	4.36 ₁	3.67 ₁	3.60 ₁							X	4.8(C ₂ H ₅) ₂ NH•1.8Na ₂ O•Al ₂ O ₃ •235SiO ₂
SSM-22	50-1675	i	4.37 ₁	3.68 ₁	10.9 ₁	13.87	17.46	5.05	90.00	90.00	90.00	O	K ₂ Al ₂ Si ₁₀ O ₃₈ •xH ₂ O
SSM-22 (SU)	46-569	C	10.8 ₁	4.36 ₁	3.67 ₁	13.86	17.42	5.04	90.00	90.00	90.00	O	(C ₂ H ₅) ₂ NH•Si ₁₂ O ₄₈
Zeolite KZ-2	37-412	O	4.35 ₁	3.66 ₁	10.8 ₁							X	1.66SiO ₂ •0.00718Al ₂ O ₃ •0.00807Na ₂ O
Zeolite Theta-1	38-197	i	4.36 ₁	3.68 ₁	10.9 ₁	13.84	17.42	5.04	90.00	90.00	90.00	O	SiO ₂
Zeolite Theta-1	43-22	O	4.37 ₁	3.68 ₁	3.62 ₁							X	Al ₂ Si ₁₀ O ₃₈ •H ₂ O
Zeolite Theta-1, (Ga)	43-320	O	11.0 ₁	4.39 ₁	3.69 ₁							X	Na ₂ O•Ga ₂ O ₃ •SiO ₂ •H ₂ O
Zeolite Theta-1, (Na,H)	37-357	O	10.8 ₁	4.36 ₁	3.70 ₁							X	Na ₂ O•Al ₂ O ₃ •SiO ₂ •H ₂ O

Tschörtnerite—TSC

Tschörtnerite	50-1611	C	18.3 ₁	15.8 ₁	9.14 ₁	31.62	31.62	31.62	90.00	90.00	90.00	C	Ca ₂ (K,Ca,Ba,Sr) ₃ Cu ₃ (Al ₁₅ Si ₁₀ O ₄₈ (OH) ₁₀)•20H ₂ O
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VPI-5—VFI

PO-54	42-28		16.1 ₁	8.03 ₁	4.20 ₁	18.55	18.55	8.40	90.00	90.00	120.00	H	Al ₁₀ P ₁₈ O ₇₁
PO-H1	48-33	O	16.5 ₁	8.23 ₁	4.12 ₁	18.98	18.98	8.07	90.00	90.00	120.00	H	AlPO ₄ •2.14H ₂ O
CM-9	42-427	O	16.4 ₁	8.21 ₁	8.20 ₁							X	C ₆ H ₁₅ N•Al ₂ O ₃ •SiO ₂ •P ₂ O ₅ •H ₂ O
CM-9	46-646	O	16.5 ₁	3.95 ₁	5.65 ₁							X	Al ₂ O ₃ •SiO ₂ •P ₂ O ₅ •C ₁₂ H ₂₂ N ₂ O•H ₂ O
Unnamed zeolite	15-274	i	16.5 ₁	3.93 ₁	3.28 ₁							X	AlPO ₄ •xH ₂ O
VPI-5	44-503	i	16.4 ₁	4.06 ₁	4.08 ₁	18.99	18.99	8.11	90.00	90.00	120.00	H	AlPO ₄ •xH ₂ O
VPI-5	45-176	C	16.4 ₁	8.23 ₁	3.93 ₁	18.98	18.98	8.10	90.00	90.00	120.00	H	AlPO ₄ •2.33H ₂ O
VPI-5	46-476	*	16.5 ₁	4.06 ₁	3.28 ₁	18.99	18.99	8.11	90.00	90.00	120.00	H	AlPO ₄
VPI-5	46-171	O	16.5 ₁	8.23 ₁	6.17 ₁							X	Al ₂ O ₃ •P ₂ O ₅
VPI-5	46-651	O	16.4 ₁	4.06 ₁	4.08 ₁							X	AlPO ₄ •0.6C ₆ H ₁₅ N•20H ₂ O

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections	Cell Parameters			Cell Angles			Crys. Sys.	Chemical Formula
				a	b	c	α	β	γ		
ZAPO-M1—ZON											
UFO-7	49-681	O	8.30, 4.23, 6.57	14.53	15.33	16.60	90.00	90.00	90.00	O	$\text{Al}_{12}\text{Fe}_{12}\text{O}_{122}(\text{C}_4\text{H}_{12}\text{N}_2\text{F})$
Refined structure, No IZA code—ZZ1											
AIPO-14A	47-325	i	12.4, 6.98, 3.98	24.08	14.41	8.72	90.00	94.32	90.00	M	AlPO_4
AIPO-15	46-183	C	5.92, 6.69, 2.62	9.62	9.67	9.66	90.00	103.59	90.00	M	$\text{NH}_4\text{Al}_2\text{P}_2\text{O}_7(\text{OH}) \cdot 2\text{H}_2\text{O}$
AIPO-9	43-562	O	4.23, 3.47, 7.97	13.39	7.42	15.13	90.00	107.71	90.00	M	$\text{Al}_2\text{O}_3 \cdot 1.03\text{P}_2\text{O}_5 \cdot 0.44\text{H}_2\text{O} \cdot 0.46\text{C}_4\text{H}_{12}\text{N}_2$
Cesium silicotitanate	50-58	C	3.37, 3.11, 3.65	13.57	4.90	22.46	90.00	91.67	90.00	M	$\text{Cs}_2\text{TiSi}_2\text{O}_{10}$
EU-19	46-567	C	11.2, 3.94, 4.26	16.28	9.73	8.80	90.00	90.00	90.00	O	$\text{Ca}_3\text{P}_2\text{O}_{12}(\text{CH}_3\text{NH}_2)_2 \cdot \text{H}_2\text{O}$
GaPO-4-M1	51-240	*	8.14, 3.60, 6.06	10.25	14.11	16.93	90.00	90.00	90.00	O	$\text{Ga}_3\text{P}_2\text{O}_{12}(\text{CH}_3\text{NH}_2)_2 \cdot \text{H}_2\text{O}$
GaPO-4-M2	51-241	*	3.66, 8.46, 4.63							X	$\text{Ga}_3\text{P}_2\text{O}_{12}(\text{CH}_3\text{NH}_2)_2 \cdot \text{H}_2\text{O}$
Kenyaite, (H)	37-385	O	19.7, 3.44, 3.23							X	$\text{H}_2\text{Si}_2\text{O}_4 \cdot x\text{H}_2\text{O}$
Kenyaite, (H)	37-386	O	17.8, 8.69, 3.39							X	$\text{H}_2\text{Si}_2\text{O}_4 \cdot x\text{H}_2\text{O}$
Magadiite	42-1350	i	3.46, 3.15, 15.8	7.30	7.28	15.71	90.00	96.40	90.00	M	$\text{Na}_2\text{Si}_2\text{O}_7 \cdot 10\text{H}_2\text{O}$
Magadiite, (H)	29-668		3.41, 13.2, 7.34	7.11	7.42	13.20	90.00	94.00	90.00	M	$\text{H}_2\text{Si}_2\text{O}_7 \cdot 5.4\text{H}_2\text{O}$
Metavariscite	33-32	i	4.76, 2.71, 4.55	5.16	9.51	8.45	90.00	90.40	90.00	O	$\text{AlPO}_4 \cdot 2\text{H}_2\text{O}$
Mn-2	51-80	*	8.19, 3.88, 5.79	16.38	16.38	16.38	90.00	90.00	90.00	C	$\text{Ga}_3\text{P}_2\text{O}_{12}(\text{OH})_{12}\text{F}(\text{C}_4\text{H}_{12}\text{N}_2)_6 \cdot 12\text{H}_2\text{O}$
Unnamed zeolite	44-50	C	8.23, 3.41, 4.42	15.00	16.46	5.23	90.00	90.00	90.00	O	$\text{Na}_3\text{Al}_2\text{Si}_2\text{O}_{12} \cdot 2\text{H}_2\text{O}$
Unnamed zeolite	45-121	C	3.11, 8.02, 2.96	17.49	9.04	9.35	90.00	86.23	90.00	M	$\text{Fe}_2\text{P}_4\text{O}_{26}\text{H}_{10}$
Unnamed zeolite	45-126	C	6.16, 3.11, 2.73	12.00	12.33	6.50	90.00	114.18	90.00	M	$\text{NaFe}_2\text{P}_3\text{O}_{11}$
Unnamed zeolite	47-1497	i	2.67, 4.26, 2.96	5.33	5.33	7.11	90.00	90.00	90.00	T	$\text{Na}_{11}\text{Mg}_{12}\text{Si}_{11}\text{O}_{41}$
Unnamed zeolite	47-1498	i	2.62, 4.24, 2.58	10.50	14.40	5.25	90.00	90.00	90.00	O	$\text{Na}_{11}\text{Mg}_{12}\text{Si}_{11}\text{O}_{41}$
Unnamed zeolite	47-1499	*	2.64, 2.97, 2.58	10.82	5.28	7.08	90.00	90.00	90.00	O	$\text{Na}_2\text{MgSiO}_4$
Unnamed zeolite	52-140	i	13.1, 3.58, 3.51	26.25	14.06	7.43	90.00	90.00	90.00	O	$(\text{C}_4\text{H}_{12}\text{N}_2)_2\text{Si}_{10}\text{O}_{72} \cdot 8\text{H}_2\text{O}$
Variscite	25-18	O	4.29, 5.39, 4.83	9.90	9.68	17.18	90.00	90.00	90.00	O	$\text{AlPO}_4 \cdot 2\text{H}_2\text{O}$
Variscite	33-33	*	3.04, 4.26, 5.36	9.82	8.56	9.62	90.00	90.00	90.00	O	$\text{AlPO}_4 \cdot 2\text{H}_2\text{O}$
ZSM-34	48-661	i	3.79, 3.15, 2.91	19.20	18.20	7.59	90.00	90.00	120.00	H	$\text{K}_{0.6}\text{Na}_{0.4}\text{O} \cdot 0.5(\text{C}_4\text{H}_{12}\text{N}_2)\text{O} \cdot \text{Al}_2\text{O}_3 \cdot 10.4\text{SiO}_2 \cdot 13.4\text{H}_2\text{O}$
ZSM-48	43-531	O	3.91, 4.20, 11.9				90.00	90.00	90.00	O	$100\text{SiO}_2 \cdot 0.35\text{Na}_2\text{O} \cdot 0.085\text{Al}_2\text{O}_3 \cdot 5.9\text{C}_4\text{H}_{12}\text{N}_2$
ZSM-48	44-1394	C	11.6, 4.20, 3.88	14.24	20.14	8.40	90.00	90.00	90.00	O	SiO_2
Zeolite Upsilon	43-577		9.47, 4.23, 2.85	18.98	18.98	18.98	90.00	90.00	90.00	C	$\text{Na}_2\text{Al}_2\text{Si}_{12}\text{O}_{42} \cdot 4.39\text{H}_2\text{O}$
Proposed topology—ZZA											
ECR-1	46-652		3.17, 3.25, 6.76	18.15	26.31	7.31	90.00	90.00	90.00	O	$\text{Na}_2\text{Al}_2\text{Si}_{12}\text{O}_{42} \cdot x\text{C}_4\text{H}_{12}\text{NO}_2 \cdot 2\text{H}_2\text{O}$
ECR-1	46-867	i	3.17, 5.71, 3.49	26.16	18.13	7.39	90.00	90.00	90.00	O	$0.04(\text{C}_4\text{H}_{12}\text{NO}_2)_2 \cdot 0.96\text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot 6.75\text{SiO}_2$
ECR-1	46-868	O	3.50, 3.17, 3.25	26.30	18.30	7.30	90.00	90.00	90.00	O	$(\text{C}_4\text{H}_{12}\text{NO}_2)_2 \cdot \text{O} \cdot \text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot \text{SiO}_2$
Giuseppettite	35-479		3.71, 3.45, 8.13	12.85	12.85	42.22	90.00	90.00	120.00	H	$(\text{Na}, \text{K}, \text{Ca})_2\text{Al}_2\text{Si}_2\text{O}_{12}(\text{SO}_4)_2\text{Cl}_{0.25}$
Si-NCL-1	49-673	i	14.4, 4.18, 3.96	11.95	8.36	28.70	90.00	90.00	90.00	O	$\text{NaSi}_2\text{O}_6 \cdot x\text{H}_2\text{O}$
V-NCL-1	49-674	O	14.4, 4.20, 3.96				90.00	90.00	120.00	X	$\text{Na}_{12}\text{Al}_{12}\text{Si}_{12}\text{O}_{42}\text{VO}_{20} \cdot x\text{H}_2\text{O}$
ZSM-10	52-142	*	15.0, 2.89, 3.86	31.58	31.58	7.53	90.00	90.00	120.00	H	$\text{Al}_2\text{Si}_4\text{O}_{16}$
Zeolite SSZ-37	49-827	O	4.37, 4.02, 11.4							X	$\text{Na}_2\text{Al}_2\text{Si}_{10}\text{O}_{38} \cdot 12\text{H}_2\text{O} \cdot \text{C}_{12}\text{H}_{22}\text{N}_2$
Zeolite SSZ-37	49-828	O	11.2, 4.33, 10.7							X	$\text{Na}_2\text{Al}_2\text{Si}_{10}\text{O}_{38}$
Unknown structure—ZZ9											
AG4	43-48	O	15.9, 3.91, 3.09							X	$\text{K}_2\text{O} \cdot \text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot \text{SiO}_2 \cdot \text{H}_2\text{O}$
AG6	43-50	O	9.36, 2.89, 6.24							X	$\text{K}_2\text{O} \cdot \text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot \text{SiO}_2 \cdot \text{H}_2\text{O}$
AGS	43-49	O	16.0, 3.10, 4.15							X	$\text{K}_2\text{O} \cdot \text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot \text{SiO}_2 \cdot \text{H}_2\text{O}$
AlAsO-3	42-102	i	7.73, 4.47, 3.97	7.72	7.72	7.72	90.00	90.00	90.00	C	$\text{AlAsO}_4 \cdot 0.2(\text{C}_2\text{H}_5\text{NO}_2) \cdot 0.4\text{H}_2\text{O}$
AlAsO-4	42-103	i	10.3, 4.19, 4.11	19.25	12.01	10.35	90.00	127.58	90.00	M	$\text{AlAsO}_4 \cdot 0.3(\text{C}_2\text{H}_5\text{NO}_2) \cdot 0.2\text{H}_2\text{O}$
AlAsO-5	46-890	i	9.45, 3.41, 3.16	11.78	18.96	5.98	90.00	94.85	90.00	M	$5\text{AlAsO}_4 \cdot 2\text{C}_2\text{H}_5\text{NO}_2 \cdot 4\text{H}_2\text{O}$
AlAsO-6	47-789	i	9.90, 7.68, 3.30	19.95	6.64	10.60	90.00	96.88	90.00	M	$5\text{AlAsO}_4 \cdot 2\text{C}_2\text{H}_5\text{NO}_2 \cdot 3\text{H}_2\text{O}$
AlAsO-4-D	41-563	C	7.24, 4.06, 3.04	8.78	10.26	20.43	90.00	90.00	90.00	O	$\text{Al}_2\text{As}_2\text{O}_{14}(\text{C}_2\text{H}_5\text{NOH})_2$
AIPO-23	43-573	O	4.17, 2.78, 3.83							X	$\text{Al}_2\text{O}_3 \cdot 1.04\text{P}_2\text{O}_5 \cdot 0.79\text{H}_2\text{O} \cdot 0.64\text{C}_4\text{H}_{12}\text{N}$
AIPO-26	47-610	O	10.8, 3.87, 8.39							X	AlPO_4
AIPO-28	47-611	O	7.26, 4.77, 11.24							X	AlPO_4
AIPO-4-H4	48-35	O	3.92, 3.69, 4.91				90.00	104.63	90.00	M	AlPO_4
GAM-1	50-1680	i	12.8, 5.67, 4.81	32.09	14.24	8.52				X	$\text{C}_4\text{H}_{12}\text{N}_2\text{O} \cdot 12\text{AlPO}_4 \cdot \text{H}_2\text{O}$
CFAP-7A	42-6	O	6.71, 6.92, 5.54							X	$\text{Al}_2\text{O}_3 \cdot 0.95\text{P}_2\text{O}_5$
CFAP-7B	42-7	O	6.71, 6.33, 4.29							X	$\text{Al}_2\text{O}_3 \cdot 0.95\text{P}_2\text{O}_5$
CFAP-7B	42-8	O	6.28, 4.29, 4.15							X	$1.1\text{CH}_3\text{NH}_2 \cdot \text{Al}_2\text{O}_3 \cdot 0.99\text{P}_2\text{O}_5 \cdot 0.32\text{SiO}_2 \cdot 1.27\text{H}_2\text{O}$
CFSAPO-1(A)	41-113	O	8.67, 3.72, 8.51							X	$\text{Al}_2\text{O}_3 \cdot 0.99\text{P}_2\text{O}_5 \cdot 0.32\text{SiO}_2$
CFSAPO-1(B)	41-114	O	8.95, 3.26, 4.42							X	$\text{Al}_2\text{O}_3 \cdot 0.99\text{P}_2\text{O}_5 \cdot 0.32\text{SiO}_2$
CFSAPO-1(C)	41-115	O	4.61, 5.31, 3.47							X	$\text{Al}_2\text{O}_3 \cdot 0.99\text{P}_2\text{O}_5 \cdot 0.32\text{SiO}_2$
CT-5	48-161	O	10.9, 4.37, 3.68							X	$\text{C}_6\text{H}_{12}\text{O}_4 \cdot \text{Na}_2\text{SO}_4 \cdot \text{Na}_2\text{O} \cdot \text{SiO}_2 \cdot \text{Al}_2\text{O}_3 \cdot \text{CH}_3\text{OH}$
Clathrasil	42-5	i	10.2, 9.72, 4.41	9.91	20.68	9.80	90.00	99.70	90.00	M	$(\text{SiO}_2)_2$
Cowlesite	46-1405	*	15.2, 7.64, 2.94	23.27	30.62	25.00	90.00	90.00	90.00	O	$\text{CaAl}_2\text{Si}_2\text{O}_{10} \cdot 6\text{H}_2\text{O}$
ECR-15	47-238	O	9.11, 3.81, 2.92							X	$\text{Na}_{16}\text{H}_{16}\text{O}_{16}\text{Si}_{16}\text{O}_{16} \cdot x\text{C}_6\text{H}_{12}\text{NO}_2$
ECR-34	51-168	i	18.1, 10.57, 7.78	20.99	20.99	8.61	90.00	90.00	120.00	H	$(\text{C}_6\text{H}_{12}\text{NO}_2)_{12}\text{K}_{1.18}\text{Na}_{0.82}\text{Al}_{0.82}\text{Ga}_{1.18}\text{Si}_{12.37}\text{O}_{18.84} \cdot x\text{H}_2\text{O}$
EU-12	48-733	i	3.35, 3.57, 4.20	20.69	20.69	14.33	90.00	90.00	120.00	H	$\text{Na}_2\text{Al}_2\text{Si}_2\text{O}_{14}$
H-Fu1	46-748	O	3.40, 6.85, 9.21							X	$\text{Al}_2\text{Si}_2\text{O}_7$
LZ-200	47-716	O	12.1, 3.03, 4.60							X	$\text{Na}_{12}\text{Al}_2\text{Si}_2\text{O}_{46}$
MCM-1	46-645	O	6.95, 4.26, 6.57							X	$\text{Al}_{102}\text{Si}_{12}\text{P}_7\text{O}_{385} \cdot 2.7\text{C}_6\text{H}_{12}\text{N}_2 \cdot x\text{H}_2\text{O}$
MCM-21	43-88	O	9.83, 2.74, 2.82							X	$[(\text{C}_2\text{H}_5)_2\text{N}]_2\text{P}_2\text{O}_5 \cdot 2\text{H}_2\text{O}$
MCM-41	49-1711	O	42.3, 24.6, 21.3							X	SiO_2
MCM-41	49-1712	O	41.2, 24.0, 20.8				90.00	90.00	90.00	C	SiO_2
MCM-48	51-1591	i	41.9, 35.9, 21.5	100.90	100.90	100.90	90.00	90.00	90.00	O	$\text{CaAl}_2\text{Si}_2\text{O}_{10} \cdot 3.5\text{H}_2\text{O}$
Metahexlandite	24-765	i	7.85, 5.22, 8.79	7.60	17.60	16.70	90.00	90.00	90.00	T	$(\text{C}_{12}\text{H}_{10}\text{Co})_7(\text{Ga}_4\text{P}_4\text{O}_{12}\text{F}(\text{OH}))_3$
Mu-1	51-1422	*	9.35, 4.18, 6.61	13.22	13.22	7.45	90.00	90.00	90.00	A	$\text{C}_{12}\text{H}_{10}\text{Al}_2\text{N}_4\text{O}_{10}\text{P}_4 \cdot 2.5\text{H}_2\text{O}$
Mu-4	51-2111	i	17.3, 8.57, 3.35	8.63	9.20	17.75	86.93	82.77	89.39	X	$\text{C}_{12}\text{H}_{10}\text{Al}_2\text{N}_4\text{O}_{10}\text{P}_4 \cdot 2.5\text{H}_2\text{O}$
No-1	35-1501		4.03, 8.19, 3.97							X	$\text{NaAlSiO}_4 \cdot x\text{H}_2\text{O}$
Nepheline hydrate III	12-247		2.83, 4.46, 5.60							X	$\text{NaAlSiO}_4 \cdot x\text{H}_2\text{O}$
No-1	47-596	O	4.05, 3.91, 6.26							X	$\text{Na}_{0.18}(\text{C}_4\text{H}_{12}\text{N}_2)_2\text{Al}_2\text{Si}_2\text{O}_{12} \cdot 1.9(\text{C}_4\text{H}_{12}\text{N}_2)_2 \cdot 4.1\text{H}_2\text{O}$
No-6(1)	42-358	O	4.00, 3.38, 13.4							X	$\text{C}_{20}\text{H}_{40}\text{Al}_2\text{N}_{10}\text{O}_{10}\text{Si}_{10}\text{O}_{10} \cdot 14.5\text{H}_2\text{O}$

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters			Cell Angles			Crys. Sys.	Chemical Formula
						a	b	c	α	β	γ		
Saccharite	47-1741	*	3.72, 2.67, 3.30 _z	12.89	12.89	74.21	90.00	90.00	120.00	H	(Na ₂ Co ₂ K ₂ Si ₂ Al ₂ O ₂₄ (SO ₄ Cl ₂ F ₂)*xH ₂ O		
SiCo-9	42-495	O	10.8, 9.72, 3.80 _z							X	C ₂₄ H ₂₄ N ₂ O ₂ *20H ₂ O*CoO*60SiO ₂ *xH ₂ O		
Silicohydrate	25-1332		14.5, 3.42 _z , 3.14 _z	14.52	18.80	15.94	90.00	90.00	90.00	O	Si ₂ O ₆ *H ₂ O		
Silica X	34-1382	O	3.38, 17.7, 4.38 _z							X	SiO ₂		
Sodium Aluminum Silicate	48-731	i	2.87, 3.79 _z , 3.32 _z	17.55	17.55	8.88	90.00	90.00	120.00	H	Na _{1.84} Al ₂ Si _{2.88} O _{3.88}		
Species P	44-103		3.18, 7.10 _z , 4.10 _z	10.00	10.00	10.00	90.00	90.00	90.00	C	Na _{1.4} Al ₂ Si _{2.8} O _{11.4} *H ₂ O		
Tourmaline	50-1541	i	3.71, 3.31 _z , 4.84 _z	12.84	12.84	32.24	90.00	90.00	120.00	H	(Na ₂ Ca ₂ K ₂ Al ₂ Si ₂ O ₂₄ (SO ₄ Cl ₂ F ₂)*H ₂ O		
USI-10B	42-298	O	3.81, 3.69 _z , 11.0 _z							X	C ₆ H ₂ N ₂ O ₂ *C ₁₂ H ₂₄ N ₂ *B ₂ O ₃ *SiO ₂ *H ₂ O		
UTD-2	52-108	O	14.1, 3.53 _z , 4.60 _z							X	(C ₁₂ H ₂₄ N)-Al-Si-P-O-(C ₂₀ H ₄₀ CoOH)-H ₂ O		
UTD-3	52-106	O	4.05, 6.13 _z , 3.82 _z							X	Al ₃ P _{1.5} Si _{2.5} O _{11.5} *0.86(C ₄ H ₈ N ₂ O)*0.16C ₂₀ H ₄₀ CoOH*75H ₂ O		
UTD-3	52-107	O	4.05, 5.12 _z , 6.57 _z							X	Al ₃ P _{1.5} Si _{2.5} O _{11.5}		
UTD-5	52-104	O	4.25, 4.02 _z , 5.28 _z							X	(C ₂₀ H ₄₀ CoOH)-Al-Si-P-O-H ₂ O		
UTD-5	52-105	O	4.17, 4.22 _z , 13.6 _z							X	H-Al-Si-P-O		
UTD-6	52-108	O	16.5, 5.07 _z , 13.7 _z							X	(C ₁₀ H ₂₀ N)-Al-Si-P-O-(C ₂₀ H ₄₀ CoOH)-H ₂ O		
Unnamed mesoporous	49-932	O	33.6, 29.0 _z , 17.5 _z							X	Si _{11.4} Ti _{0.6} O _{14.4}		
Unnamed zeolite	5-308		4.27, 6.68 _z , 4.88 _z							X	LiAlSi ₂ O ₈ *2.5H ₂ O		
Unnamed zeolite	6-211	O	3.63, 3.35, 5.59 _z							X	AlTKSiO ₃		
Unnamed zeolite	10-9		3.28, 2.96 _z , 2.74 _z							X	K ₂ Al ₂ Si ₂ O ₁₀ *3H ₂ O		
Unnamed zeolite	10-10	O	2.48, 3.53 _z , 3.33 _z							X	Ba-Al-Si-O		
Unnamed zeolite	10-11	O	14.0, 3.00 _z , 4.25 _z							X	Pb-Al-Si-O		
Unnamed zeolite	10-12	O	3.15, 3.90 _z , 3.41 _z							X	K-Na-Al-Si-O		
Unnamed zeolite	10-27	O	13.2, 3.05, 4.11 _z	13.20	13.20	13.20	90.00	90.00	90.00	X	BaO-Al ₂ O ₃ -SiO ₂ -BaCl ₂ *H ₂ O		
Unnamed zeolite	10-28		3.05, 3.45 _z , 3.27 _z							X	K ₂ O-Al ₂ O ₃ -45SiO ₂ *xKBr		
Unnamed zeolite	10-29		4.10, 6.50 _z , 5.11 _z							X	BaAl ₂ Si ₂ O ₁₁ *6H ₂ O		
Unnamed zeolite	10-60	O	4.32, 3.35, 2.51 _z							X	Rb ₂ Al ₂ Si ₂ O ₁₀ *H ₂ O		
Unnamed zeolite	11-188		7.45, 3.09 _z , 2.82 _z							X	2KAlSi ₂ O ₇ *3H ₂ O		
Unnamed zeolite	13-129	O	4.08, 3.96 _z , 9.52 _z							X	Na-Ca-Al-SiO ₄ *H ₂ O		
Unnamed zeolite	16-179	O	9.21, 6.32 _z , 3.78 _z							X	CaAl ₂ Si ₂ O ₁₁ *5H ₂ O		
Unnamed zeolite	15-239		4.23, 7.07 _z , 3.62 _z							X	AlPO ₄ *xH ₂ O		
Unnamed zeolite	15-264		7.04, 6.28 _z , 4.98 _z							X	AlPO ₄		
Unnamed zeolite	15-267		6.86, 4.25, 6.50 _z							X	AlPO ₄ *1.67H ₂ O		
Unnamed zeolite	16-272		4.66, 4.08 _z , 3.47 _z							X	AlPO ₄ *xH ₂ O		
Unnamed zeolite	16-275		8.48, 4.06 _z , 3.75 _z							X	AlPO ₄ *xH ₂ O		
Unnamed zeolite	16-605		3.13, 6.94 _z , 3.07 _z	9.93	9.93	9.67	90.00	90.00	90.00	T	K ₂ Al ₂ Si ₂ O ₁₀ *2H ₂ O		
Unnamed zeolite	18-1210		4.83, 2.64 _z , 4.16 _z	11.80	11.80	11.80	90.00	90.00	90.00	C	1.2Na ₂ O*0.8CaO*Al ₂ O ₃ *2SiO ₂ *H ₂ O		
Unnamed zeolite	20-121		7.93, 3.97, 2.97 _z							X	BaAl ₂ Si ₂ O ₁₀ *H ₂ O		
Unnamed zeolite	20-212	O	8.97, 3.97 _z , 3.90 _z							X	CaO-Al ₂ O ₃ *xSiO ₂ *xH ₂ O		
Unnamed zeolite	20-1051		13.6, 3.43 _z , 6.86 _z	13.00	13.00	13.68	90.00	90.00	90.00	T	H ₂ SiO ₃		
Unnamed zeolite	20-1157		19.7, 3.43 _z , 3.20 _z	7.79	19.72	6.91	90.00	95.90	90.00	M	NaSi ₁₁ O ₂₆ (OH) ₄ *3H ₂ O		
Unnamed zeolite	20-1193		3.97, 8.97 _z , 2.97 _z							X	SrO-Al ₂ O ₃ *xSiO ₂ *xH ₂ O		
Unnamed zeolite	21-132		8.29, 4.15 _z , 3.64 _z	15.20	16.60	7.26	90.00	90.00	90.00	O	CaAl ₂ Si ₂ O ₁₀ *1.7H ₂ O		
Unnamed zeolite	21-133		8.80, 3.96 _z , 2.95 _z	13.22	17.68	15.54	90.00	90.00	90.00	O	CaAl ₂ Si ₂ O ₁₀ *2H ₂ O		
Unnamed zeolite	23-3314	i	3.10, 3.07 _z , 3.47 _z	9.81	9.81	6.59	90.00	90.00	90.00	T	K ₂ Al ₂ Si ₂ O ₁₀ *0.48H ₂ O		
Unnamed zeolite	24-181	i	4.56, 4.54 _z , 4.20 _z	13.35	17.58	17.36	90.00	90.00	90.00	O	CaAl ₂ Si ₂ O ₁₀ *5.5H ₂ O		
Unnamed zeolite	25-59		16.6, 6.83 _z , 6.41 _z	18.65	18.66	7.60	90.00	90.00	120.00	H	Ba _{1.1} Al ₂ Si _{2.1} O _{11.1} *5.1H ₂ O		
Unnamed zeolite	25-62	O	3.40, 5.60 _z , 5.20 _z							X	BaAl ₂ Si ₂ O ₁₀ *2.8H ₂ O		
Unnamed zeolite	25-63	O	3.79, 3.68 _z , 3.22 _z							X	Ba _{2.2} Al ₂ Si _{2.2} O _{11.2} *2H ₂ O		
Unnamed zeolite	26-619		3.01, 6.96 _z , 3.08 _z							X	K ₂ Al ₂ Si ₂ O ₁₀ *3H ₂ O		
Unnamed zeolite	26-1318		3.00, 6.51 _z , 2.85 _z							X	NaFeAl ₂ Si ₂ O ₁₃ *3H ₂ O		
Unnamed zeolite	27-606	i	3.77, 6.00 _z , 3.17 _z	7.47	11.94	4.91	90.00	90.00	90.00	O	H ₂ SiO ₃		
Unnamed zeolite	28-1035		3.24, 4.67 _z , 3.74 _z	15.80	15.60	15.60	90.00	90.00	90.00	C	Na ₂ Al ₂ Si ₂ O ₁₀ *2H ₂ O		
Unnamed zeolite	28-1882		3.77, 3.53 _z , 3.74 _z	18.10	16.00	16.00	121.00	131.00	55.00	A	C ₂₄ H ₂₄ N ₂ O ₂ *SiO ₂ *69H ₂ O		
Unnamed zeolite	28-1884		5.34, 5.03 _z , 4.98 _z							X	SiO ₂		
Unnamed zeolite	30-739	i	3.17, 3.03 _z , 6.44 _z	10.01	10.32	8.21	90.00	90.00	90.00	O	LiAlSiO ₄ *H ₂ O		
Unnamed zeolite	31-578		11.5, 4.31 _z , 3.91 _z							X	H ₂ SiO ₃		
Unnamed zeolite	31-579		10.0, 3.92 _z , 3.81 _z							X	H ₂ SiO ₃		
Unnamed zeolite	31-580		3.87, 7.69 _z , 5.67 _z							X	H ₂ SiO ₃		
Unnamed zeolite	31-581	i	5.48, 4.05 _z , 3.55 _z	11.29	9.90	8.38	90.00	103.78	90.00	M	H ₂ SiO ₃		
Unnamed zeolite	31-582		5.50, 4.06 _z , 3.55 _z							X	H ₂ SiO ₃		
Unnamed zeolite	31-583	O	9.65, 4.85 _z , 3.35 _z							X	H ₂ SiO ₃ *0.7H ₂ O		
Unnamed zeolite	31-584		3.42, 13.2 _z , 7.36 _z	7.11	7.42	13.20	90.00	94.00	90.00	M	H ₂ Si ₂ O ₇ *5.4H ₂ O		
Unnamed zeolite	31-967	*	3.36, 5.48 _z , 2.86 _z	13.43	13.43	13.43	90.00	90.00	90.00	C	KAlSi ₂ O ₇		
Unnamed zeolite	32-994	O	16.4, 3.41 _z , 1.83 _z							X	SiO ₂ *0.04H ₂ O		
Unnamed zeolite	32-995	O	3.43, 6.60 _z , 1.86 _z							X	SiO ₂ *0.2H ₂ O		
Unnamed zeolite	35-60	O	3.71, 8.50 _z , 5.98 _z	8.53	8.53	14.15	90.00	90.00	90.00	T	H ₂ SiO ₃		
Unnamed zeolite	35-61	O	8.89, 4.23 _z , 3.34 _z	8.14	8.38	13.84	90.00	94.00	90.00	M	H ₂ Si ₂ O ₇ *xH ₂ O		
Unnamed zeolite	35-62	i	3.34, 3.09 _z , 6.91 _z	13.80	13.80	23.44	90.00	90.00	90.00	T	H ₂ SiO ₃ *H ₂ O		
Unnamed zeolite	35-63	O	6.73, 4.74 _z , 3.53 _z	19.51	13.98	21.16	90.00	90.00	90.00	O	SiO ₂		
Unnamed zeolite	35-375		19.6, 3.42 _z , 3.33 _z	19.68	19.68	19.68	90.00	90.00	90.00	C	Na ₂ Al ₂ Si ₂ O ₁₀ *0.35 _z *8H ₂ O		
Unnamed zeolite	37-212	O	3.10, 2.30 _z , 4.55 _z							X	Al ₂ F ₂ O ₃ *3H ₂ O		
Unnamed zeolite	38-186	O	3.84, 11.2 _z , 10.0 _z							X	H-Al ₂ O ₃ -SiO ₂		
Unnamed zeolite	40-72	i	3.47, 1.88 _z , 3.92 _z	7.51	7.51	9.21	90.00	90.00	90.00	T	Li _{0.22} Na _{0.78} Al _{0.22} Si _{0.78} O ₇		
Unnamed zeolite	40-73	i	3.45, 1.87 _z , 4.46 _z	5.16	5.1								

Zeolite Structure Type Name—Code

Zeolite Name	PDF#	QM	3 Strongest Reflections			Cell Parameters			Cell Angles			Crys. Chemical Sys. Formula
						a	b	c	α	β	γ	
Unnamed zeolite	47-717	O	1.82 _x	3.43 _x	3.29 _x							X $K_{0.4}Na_{1.6}Al_3Si_4O_{12} \cdot 6H_2O$
Unnamed zeolite	47-761	O	6.69 _x	3.00 _x	3.86 _x	9.53	9.53	9.10	90.00	90.00	90.00	T $Na_2O \cdot Al_2O_3 \cdot SiO_2 \cdot H_2O$
Unnamed zeolite	48-40	O	16.3 _x	4.08 _x	4.07 _x							X $Al_2PO_4SiO_6$
Unnamed zeolite	48-496	O	9.32 _x	5.47 _x	6.25 _x							X $(C_2H_5)_2N_2 \cdot 2AlPO_4$
Unnamed zeolite	48-497	O	4.19 _x	3.56 _x	11.4 _x							X $C_{0.44}H_{2.2}N_{0.44}AlPO_4$
Unnamed zeolite	48-543	O	3.49 _x	3.05 _x	2.85 _x							X $BePO_4Cl_7$
Unnamed zeolite	48-672	i	2.98 _x	2.89 _x	3.84 _x	9.48	8.96	9.66	90.00	89.46	90.00	M $K_9Be_9(PO_4)_3 \cdot 5.9H_2O$
Unnamed zeolite	48-1028	*	3.11 _x	2.61 _x	3.27 _x	13.67	13.81	13.85	100.12	102.42	62.78	A $KAlSiO_4$
Unnamed zeolite	49-931	O	32.6 _x	28.2 _x	17.1 _x							X $HAlSi_2O_5$
Unnamed zeolite	49-935	i	7.16 _x	3.59 _x	7.28 _x	10.54	10.05	14.37	90.00	90.00	90.00	O $C_6H_{1.4}N_{1.4}H_2Zn_2(PO_4)_3$
Unnamed zeolite	49-936	i	7.30 _x	4.19 _x	3.43 _x	15.15	15.94	9.85	90.00	90.00	90.00	O $C_4H_{12}N \cdot H_2Zn(PO_4)_2$
Unnamed zeolite	50-1878	O	3.10 _x	7.60 _x	3.14 _x							X $K_{2.04}Na_{1.22}Al_3Si_3O_{10} \cdot xH_2O$
Unnamed zeolite	51-1523		11.9 _x	3.21 _x	6.92 _x	13.82	13.82	7.50	90.00	90.00	120.00	H $K_2Na_{1.4}Al_3Si_3O_{10} \cdot 10H_2O$
VSZ-5	39-46		3.38 _x	5.51 _x	3.14 _x	18.47	18.47	18.47	90.00	90.00	90.00	C $Al_2O_3 \cdot 4.48SiO_2 \cdot 1.38Na_2O \cdot 0.24P_2O_5 \cdot 6.55H_2O$
ZKU-4	42-307	O	11.6 _x	3.78 _x	2.69 _x							X $Na_2O \cdot K_2O \cdot Al_2O_3 \cdot SiO_2$
ZKU-5	42-306	O	3.77 _x	11.5 _x	2.85 _x							X $Na_2 \cdot K_2O \cdot Al_2O_3 \cdot SiO_2$
ZSM-25	43-24	O	3.24 _x	8.06 _x	7.03 _x							X $Na_{1.74}Al_3Si_{15.5}O_{38}$
ZSM-26	44-12	O	3.25 _x	7.04 _x	3.11 _x							X $0.12(C_2H_5)_4N_2O \cdot 0.87Na_2O \cdot Al_2O_3 \cdot 8.6SiO_2$
ZSM-43	42-377	O	4.76 _x	3.22 _x	7.68 _x							X $Al_2O_3 \cdot 11.1Na_2O \cdot 0.38C_2O \cdot 0.50C_6H_{15}ClNO \cdot xH_2O$
ZSM-43	42-378	O	4.74 _x	3.20 _x	3.77 _x							X $Al_2O_3 \cdot 16.1SiO_2 \cdot 0.03Na_2O \cdot 0.60C_2O \cdot 0.67C_6H_{15}ClNO \cdot xH_2O$
ZSM-43	44-695	O	4.75 _x	3.22 _x	7.56 _x							X $C_{8.3}Al_3Si_{15.5}O_{38.2}$
Zeolite Barrer L (Sr)	17-144		2.55 _x	1.49 _x	2.58 _x							X $SrAl_2Si_2O_8(OH)_2$
Zeolite Beta	47-183	O	3.92 _x	11.3 _x	3.00 _x							X $C_6H_{1.5}N_{0.5}Na_{1.3}Fe_2Si_3O_{10} \cdot 20H_2O$
Zeolite CHNUAP-3	49-917	O	8.71 _x	3.70 _x	3.64 _x							X $C_2H_5N_2 \cdot Al_2O_3 \cdot P_2O_5 \cdot 40H_2O$
Zeolite CHNUAP-4	49-918	O	6.89 _x	4.15 _x	3.98 _x							X $C_2H_5N_2 \cdot Al_2O_3 \cdot P_2O_5 \cdot 40H_2O$
Zeolite Ca-D	22-170		3.14 _x	3.01 _x	2.86 _x							X $CaAlSiO_4 \cdot 1.2H_2O$
Zeolite D (Ca)	39-131	i	3.02 _x	3.14 _x	2.88 _x	10.07	10.07	13.36	90.00	90.00	90.00	T $CaAlSiO_4 \cdot H_2O$
Zeolite D (Rb)	22-787		3.09 _x	2.97 _x	2.89 _x							X $RbAlSiO_4 \cdot 1.3H_2O$
Zeolite D (Sr)	17-757	O	3.54 _x	3.48 _x	9.51 _x	18.50	21.00	7.12	90.00	90.00	90.00	O $Sr \cdot Al \cdot Si \cdot O \cdot H_2O$
Zeolite ECR-9	48-643	i	7.61 _x	10.8 _x	3.04 _x	14.12	18.14	8.85	90.00	90.00	90.00	O $0.14Na_2O \cdot 0.98K_2O \cdot Al_{0.1}Ga_{1.9}O_3 \cdot 5.04SiO_2$
Zeolite G (Ba)	19-91	O	3.95 _x	16.2 _x	3.08 _x	18.89	18.89	15.16	90.00	90.00	90.00	T $BaAl_2Si_2O_{10} \cdot xH_2O$
Zeolite J (Ba)	19-92	O	3.12 _x	11.4 _x	4.68 _x							X $BaAl_2Si_2O_{10} \cdot xH_2O$
Zeolite K (Ba)	19-93	O	3.16 _x	10.6 _x	6.07 _x							X $BaAl_2Si_2O_{10} \cdot xH_2O$
Zeolite K-H	16-692		3.25 _x	3.18 _x	7.14 _x	10.00	14.40	14.30	90.00	90.00	90.00	O $K_2Al_2Si_2O_{10} \cdot xH_2O$
Zeolite K-I	18-988		13.3 _x	11.6 _x	2.99 _x	13.41	13.41	13.20	90.00	90.00	120.00	H $K_2Al_2Si_2O_{10} \cdot 3.8H_2O$
Zeolite K-I	22-793		11.8 _x	13.5 _x	2.93 _x	13.51	13.51	13.50	90.00	90.00	120.00	H $KAlSiO_4 \cdot 2H_2O$
Zeolite K-Z	22-794		2.92 _x	5.33 _x	3.65 _x							X $K_5Al_2(SiO_4)_2OH \cdot 3.5H_2O$
Zeolite LZ-276	49-919		4.29 _x	6.83 _x	2.91 _x	13.64	13.64	16.51	90.00	90.00	120.00	H $Na_{1.46}Al_2Si_{17.47}O_{40.07} \cdot xH_2O$
Zeolite LZ-276	49-920	O	6.84 _x	9.28 _x	4.28 _x							X $(NH_4)_2Al_2Si_{17}O_{40} \cdot xH_2O$
Zeolite LZ-276	49-921	O	5.01 _x	4.29 _x	3.43 _x							X $C_{16}H_{60}N_2O \cdot 0.19Na_{1.4}Al_2Si_{17.12}O_{40} \cdot xH_2O$
Zeolite MCM-47	48-637	O	11.2 _x	3.50 _x	4.37 _x							X $Na_{0.30}SiO_2(OH)_{0.30} \cdot xC_{14}H_{30}N_2$
Zeolite MCM-48	50-511	*	33.1 _x	28.6 _x	17.3 _x	61.09	81.09	81.09	90.00	90.00	90.00	C SiO_2
Zeolite OE	43-39	O	3.77 _x	11.5 _x	6.65 _x							X $K_{1.82}Na_{0.44}Al_2Si_{15.5}O_{31.18} \cdot 5.8H_2O$
Zeolite Phi	38-261	O	3.43 _x	2.92 _x	9.51 _x							X $Na_{1.88}Al_2Si_{15.5}O_{31.09} \cdot 5.49H_2O$
Zeolite SCS-15	48-1060	O	9.20 _x	4.45 _x	4.25 _x							X $CH_3Al_2Si_2O_5P_{0.6}$
Zeolite SCS-17	48-1061	O	11.2 _x	9.20 _x	12.2 _x							X $C_{1.12}H_{1.36}Al_{0.6}Na_{0.56}O_2P_{0.5}$
Zeolite SCS-18	48-1062	O	9.80 _x	3.50 _x	4.47 _x							X $C_{0.64}H_{1.28}Al_{0.6}Na_{0.36}O_2P_{0.5}$
Zeolite SCS-19	48-1063	O	12.4 _x	6.20 _x	14.9 _x							X $C_{0.96}H_{1.92}Al_{0.6}Na_{0.48}O_2P_{0.5}$
Zeolite SCS-20	48-1064	O	9.80 _x	4.90 _x	3.25 _x							X $C_{0.72}H_{1.44}Al_{0.6}Na_{0.36}O_2P_{0.5}$
Zeolite SCS-21	48-1065	O	5.90 _x	6.70 _x	4.70 _x							X $C_{0.4}H_{1.2}Al_{0.6}Na_{0.3}O_2P_{0.6}$
Zeolite SSZ-28	48-915	O	5.16 _x	3.39 _x	5.73 _x							X $K_2O \cdot Al_2O_3 \cdot SiO_2$
Zeolite SSZ-28	49-916	O	13.2 _x	11.1 _x	5.05 _x							X $K_2O \cdot Al_2O_3 \cdot SiO_2$
Zeolite ULM-5	49-934	C	14.7 _x	12.9 _x	7.24 _x	10.25	18.41	24.64	90.00	90.00	90.00	O $C_{24}H_{96} \cdot N_2Ga_{16}(PO_4)_{16}(OH)_2F_7 \cdot 6H_2O$

Zeolite Name	PDF#	Structure Type Code	Zeolite Name	PDF#	Structure Type Code	Zeolite Name	PDF#	Structure Type Code
ABW(Li)	46- 631	ABW	Beryllophosphate-G	46- 293	GIS	ECR-34	51- 168	ZZ9
ACP-1	49- 624	ACO	Beryllophosphate-H	46- 298	BPH	ECR-5	47- 235	CAN
AG4	43- 48	ZZ9	Beryllophosphate-P	46- 295	ANA	EMT (Na)	46- 566	EMT
AG6	43- 50	ZZ9	Beryllophosphate-R	46- 292	RHO	EU-12	48- 733	ZZ9
AG8	43- 49	ZZ9	Bikitaite	14- 168	BIK	EU-19	46- 567	ZZ1
AMS-1B	42- 382	MFI	Boggsite	42-1379	BOG	Edingtonite	25- 60	EDI
AMS-1B	42- 383	MFI	Brewsterite	41-1355	BRE	Edingtonite, (K,Cl)	45- 123	EDI
AMS-1Cr	43- 37	MFI	Bystrite	45-1373	LOS	Edingtonite, (Li)	27-1212	EDI
AMS-1Cr	47- 766	MFI	CAM-1	50-1680	ZZ9	Epistilbite	39-1381	EPI
AMS-1Cr	47- 787	MFI	CAPSO-34	47- 701	CHA	Erionite	39-1379	ERI
Aphanite	46-1264	AFG	CF-3	39- 155	MTN	Ethylene glycol sodalite	49-1063	SOD
AlAsO4-3	42- 102	ZZ9	CFAP-7A	42- 6	ZZ9	Faujasite	12- 228	FAU
AlAsO4-4	42- 103	ZZ9	CFAP-7B	42- 7	ZZ9	Faujasite	13- 246	FAU
AlAsO4-5	46- 890	ZZ9	CFAP-7B	42- 8	ZZ9	Faujasite	28-1034	FAU
AlAsO4-6	47- 789	ZZ9	CFSAPO-1(A)	41- 113	ZZ9	Faujasite	39-1380	FAU
AlAsO4-D	41- 593	ZZ9	CFSAPO-1(B)	41- 114	ZZ9	Ferrierite	39-1382	FER
AlPO-21 (Pyrrholidine)	45- 184	AWO	CFSAPO-1(C)	41- 115	ZZ9	Ferrierite, (Ga)	48- 80	FER
AlPO-4-5	39- 216	AFI	CIT-1	50-1694	CON	Ferrierite	48- 518	MOR
AlPO-4-5	40- 71	AFI	CIT-1	50-1703	CON	Franklinite	30-1170	FRA
AlPO-4-5	41- 44	AFI	CIT-1	52- 110	CON	GaPO-21	45- 180	AWO
AlPO-4-5	41- 557	AFI	CIT-5	51-1382	CFI	GaPO-4-M1	51- 240	ZZ1
AlPO-4-5	44- 44	AFI	CSZ-1	47- 722	EMT	GaPO-4-M2	51- 241	ZZ1
AlPO-4-5	48-1080	AFI	CSZ-1	47- 722	FAU	Garronite	39-1374	GIS
AlPO-4-8	43- 561	AET	CSZ-1	47- 723	EMT	Garronite	51-1499	GIS
AlPO-4-8	46- 551	AET	CSZ-1	47- 723	FAU	Genthelvit	38- 467	SOD
AlPO-4-8	47- 245	AET	CT-5	48- 161	ZZ9	Gismondine	20- 452	GIS
AlPO-4-9	43- 562	ZZ1	CZH-5	47- 721	MTW	Gismondine	39-1373	GIS
AlPO-4-11	41- 556	AEL	Ca-Tetranatrolite	42-1381	NAT	Gismondine (dehydrated)	46- 341	GIS
AlPO-4-11	49- 583	AEL	Calcined ITQ-3	49- 623	ITE	Gisopappite	35- 479	ZZ4
AlPO-4-11	47- 699	AEL	Calcined ITQ-4	49- 619	IFR	Gmelinite	38- 435	GME
AlPO-4-12	43- 564	ATT	Cancrinite	34- 176	CAN	Gobbsinite	35- 559	GIS
AlPO-4-12-TAMU	41- 565	ATT	Cancrinite	46-1332	CAN	Gonnardite	10- 473	NAT
AlPO-4-14	43- 565	AFN	Cancrinite (Ca, Li, Ti)	48- 520	CAN	Gonnardite	42-1380	NAT
AlPO-4-14	46- 630	AFN	Cancrinite, (Li, Ca)	45- 124	CAN	Gonnardite	45-1324	NAT
AlPO-4-14	46- 751	AFN	Cancrinite, (Li, Ca)	47- 252	CAN	Goosecreekite	35- 469	GOO
AlPO-4-14	47- 603	AFN	Cancrinite, (Li, Ti)	47- 253	CAN	Gottardite	49-1814	NES
AlPO-4-14A	47- 325	ZZ1	Cesium silicotitanate	50- 58	ZZ1	Gottardite	49-1831	NES
AlPO-4-15	46- 183	ZZ1	Chabasite	34- 187	CHA	H-Ful	46- 748	ZZ9
AlPO-4-16	41- 564	AST	Chabasite	52- 784	CHA	H-Nul	46- 747	RUT
AlPO-4-16	43- 566	AST	Chabasite (Al)	44- 243	CHA	Harmotome	39-1377	PHI
AlPO-4-17	41- 574	ERI	Chabasite, (Ba)	49- 137	CHA	Harmotome, (Na)	12- 697	PHI
AlPO-4-17	43- 567	ERI	Chabasite, (Co, P)	45- 119	CHA	Hauyne	37- 473	SOD
AlPO-4-17	47- 608	ERI	Chabasite, (Co)	44- 45	CHA	Hauyne	50-1644	SOD
AlPO-4-18	43- 568	AEI	Chabasite, (Ca)	44- 46	CHA	Hauyne-Pb	29-1221	SOD
AlPO-4-18	45- 117	AEI	Chabasite, (K)	12- 194	CHA	Heulandite	41-1357	HEU
AlPO-4-18	45- 118	AEI	Chabasite, (Sr)	46-1427	CHA	Heulandite-Sr	24- 469	HEU
AlPO-4-18	47- 608	AEI	Chabasite-Na	19-1178	CHA	Hydrogen Nu-3	46- 750	LEV
AlPO-4-20	43- 569	SOD	Chavennite	35- 602	CHI	Hydroxysodalite	11- 401	SOD
AlPO-4-20	45- 509	SOD	Chiral Zincophosphate	49- 621	CZP	ISI-4	43- 15	MTT
AlPO-4-20	50-1697	SOD	Clausthalite	38-1823	NON	ITQ-3	51-1331	ITE
AlPO-4-20 (Sodalite)	47- 597	SOD	Clausthalite	42- 6	ZZ9	ITQ-4	51-1380	IFR
AlPO-4-21	48- 571	AWO	Clinopillite	39-1885	HEU	ITQ-7	51-1378	ISV
AlPO-4-21	45- 179	AWO	Clinopillite (Na)	47-1870	HEU	ITQ-9	51-1378	STY
AlPO-4-21	45- 455	AWO	Clinopillite-(Ca)	44-1398	HEU	Kernite, (H)	37- 385	ZZ1
AlPO-4-22	41- 567	AWW	Cloverite	46- 556	CLO	Kernite, (H)	37- 386	ZZ1
AlPO-4-22	43- 570	AWW	Cloverite	50-1705	CLO	Kryptofix 222-AlPO4	51- 76	LTA
AlPO-4-22	45- 456	AWW	CoAPO-20	52- 161	FAU	Kryptofix 222-AlPO4	51- 77	LTA
AlPO-4-22	47- 598	AWW	CoAPO-34	50-1701	SOD	LZ-200	47- 716	ZZ9
AlPO-4-23	43- 573	ZZ9	CoAPO-34	50-1479	CHA	Laumontite	26-1047	LAU
AlPO-4-25	41- 566	ATV	CoAPO-34	50-1480	CHA	Laumontite	46-1325	LAU
AlPO-4-25	43- 572	ATV	CoAPO-34	50-1481	CHA	Laxurite	17- 749	SOD
AlPO-4-28	47- 610	ZZ9	CoAPO-43	52-1510	GIS	Laxurite	41-1392	SOD
AlPO-4-28	47- 611	ZZ9	CoAPO-44	46- 839	CHA	Laxurite	41-1393	SOD
AlPO-4-31	43- 574	ATO	CoAPO-5	50- 612	AFI	Laxurite	42-1312	SOD
AlPO-4-31	45- 177	ATO	CoAPO-50	41- 559	AFY	Leucite	38-1422	ANA
AlPO-4-33	47- 711	ATT	CoAPSO-44	46- 940	CHA	Leucite	52- 129	ANA
AlPO-4-33	47- 712	ATT	CoAPSO-47	46- 342	CHA	Levyne	26-1331	LEV
AlPO-4-34	47- 166	CHA	Cobalt-Gallium-Phosphate-5	49- 618	CGP	Levyne	46-1263	LEV
AlPO-4-34	47- 187	CHA	Cobalt-Gallium-Phosphate-6	49- 622	CGS	Levyne	51- 61	LEV
AlPO-4-34	47- 168	CHA	Cowlesite	46-1405	ZZ9	Levyne	51- 62	LEV
AlPO-4-40	47- 184	CHA	CuAPO-20	50-1700	SOD	Linde A	11- 589	LTA
AlPO-4-41	52- 162	AFR	DPZ-1A	47- 249	FAU	Linde A, (Li)	14- 288	LTA
AlPO-4-41	46- 556	AFO	DPZ-1B	47- 250	FAU	Linde B1	38- 327	GIS
AlPO-4-41	52- 211	AFO	DPZ-2A	48- 516	RHO	Linde B2	38- 328	GIS
AlPO-4-42	46- 538	AFT	DPZ-2B	47- 248	RHO	Linde B3	38- 329	GIS
AlPO-4-42	46- 697	AFT	DPZ-40	52-1408	ABW	Linde B7	38- 330	GIS
AlPO-4-42	46- 698	AFT	DPZ-4A	48- 617	ABW	Linde L	22- 773	LTL
AlPO-4-52, calcined,			DPZ-4B	48- 616	ABW	Linde L	38- 224	LTL
partially rehydrated	50-1702	AFT	DPZ-4C	48- 619	ABW	Liottite	47-1742	LIO
AlPO-4-54	42- 28	VFI	DPZ-4D	47- 251	ABW	Lithium Zinc Phosphate Hydrate	52-1483	ABW
AlPO-4-C	41- 560	APC	DPZ-7A	47- 246	SOD	Losod	31-1269	LOS
AlPO-4-C	41- 561	APC	DPZ-7B	47- 247	SOD	Losod, (Na)	39- 221	LOS
AlPO-4-C	45- 457	APC	Dachiardite	18- 487	DAC	Lovdarite	25-1302	LOV
AlPO-4-D	41- 562	APD	Dachiardite, (Na)	30-1149	DAC	Lovdarite	39-1387	LOV
AlPO-4-H1	48- 33	VFI	Danallite	11- 491	SOD	MAPO-39	46- 681	ATN
AlPO-4-H2	46- 557	AHT	Davynite	50-1878	CAN	MAPO-39	50-1704	ATN
AlPO-4-H3	48- 34	APC	Deca-dodeca-3R	39- 651	DDR	MAPO-41	45- 682	AFO
AlPO-4-H4	48- 35	ZZ9	Deca-dodeca-3R	41- 571	DDR	MAPO-43	42- 19	GIS
Aluminosilicate, (Ca)	41- 569	CAS	Dodeca-1H	41- 572	DOH	MAPO-36	46- 559	ATS
Amicit	33-1273	GIS	Dodeca-3C	39- 227	MTN	MAPSO-36, calcined	52-1177	ATS
Ammonioleucite	40- 474	ANA	Dodeca-3C	45- 284	MTN	MAPSO-45	41- 558	AFS
Ammonioleucite, (Ti)	51-1539	ANA	EAB	41- 573	EAB	MCM-1	46- 645	ZZ9
Analcime	19-1180	ANA	ECR-1	46- 853	ZZ4	MCM-21	43- 88	ZZ9
Analcime, (Ca, Ga)	41-1478	ANA	ECR-1	46- 857	ZZ4	MCM-22	48- 75	MWW
Analcime, (Ca, Ga)	45- 181	ANA	ECR-1	46- 858	ZZ4	MCM-41	49-1711	ZZ9
Analcime, (Ca, Ga)	45- 182	ANA	ECR-1	47- 288	MAZ	MCM-41	49-1712	ZZ9
Analcime, (Ga)	44- 32	ANA	ECR-10	47- 288	MOR	MCM-48	51-1691	ZZ9
Analcime, (Mg)	42-1378	ANA	ECR-15	47- 235	ZZ9	MCM-58	52- 113	IFR
Analcime, (NH4)	14- 19	ANA	ECR-18	47- 354	PAU	MCM-9	42- 427	VFI
Analcime, (NH4)	45- 515	ANA	ECR-2	39- 294	LTL	MCM-9	48- 646	VFI
Analcime, (F)	43- 136	ANA	ECR-26	50-1692	GME	Megadite	42-1850	ZZ1
Analcime, (Fb, Mg)	43-1489	ANA	ECR-28	50-1693	GME	Megadite, (H)	29- 658	ZZ1
Barterite	29-1185	STI	ECR-30	47- 655	EMT	Mazzite	38- 426	MAZ
Bellbergite	45-1482	EAB	ECR-30	47- 655	FAU	Melanophlogite	25- 7	MEP
Beryllophosphate H	41- 568	BPH				Merlinite	29- 989	MER
Beryllophosphate-S	46- 294	EDI						

Zeolite Name	PDF#	Structure Type Code	Zeolite Name	PDF#	Structure Type Code	Zeolite Name	PDF#	Structure Type Code
Mosolite	24-1084	NAT	Rho (Ti,Be,As)	46-554	RHO	Sodalite, (Ge,B(OH)4)	43-246	SOD
Mischelundite	24-765	ZZ9	Rho (Ti,Be,F)	46-555	RHO	Sodalite, (Ge,Br)	43-138	SOD
Mitsunobu	33-32	ZZ1	Rho, (Ca)	39-1368	RHO	Sodalite, (Ge,Br)	43-248	SOD
MgCoAPO-5	48-684	AFI	Rho, (Ca)	40-59	RHO	Sodalite, (Ge,Cl)	43-139	SOD
Microsomite	20-743	CAN	Rho, (NH4)	44-1498	RHO	Sodalite, (Ge,Cl)	43-247	SOD
Mn-SAPO-11	48-104	AEL	Rho, (NH4)	44-1499	RHO	Sodalite, (Ge,ClO4)	43-244	SOD
MnAPO-11	41-555	AEL	Rho, (NH4)	44-1500	RHO	Sodalite, (Ge,I)	43-140	SOD
MnAPO-20	50-1698	SOD	Rho, (Na,Ca)	43-53	RHO	Sodalite, (Ge,I)	43-249	SOD
MnCoAPO-5	48-685	AFI	Roggenite	39-368	RON	Sodalite, (Ge,NO3)	43-243	SOD
Montesommaite	46-1361	MON	SAPO-11	41-23	AEL	Sodalite, (Ge,NO3)	43-1487	SOD
Mordenite	6-239	MOR	SAPO-11	41-24	AEL	Sodalite, (K,Cl)	41-72	SOD
Mordenite	29-1267	MOR	SAPO-11	42-428	AEL	Sodalite, (NH4)	14-17	SOD
Mordenite	47-410	MOR	SAPO-11	46-847	AEL	Sodalite, (NO2,CO3)	48-443	SOD
Mordenite, (Ba)	44-48	MOR	SAPO-11	47-613	AEL	Sodalite, (Na,ClO4)	44-79	SOD
Mordenite, (Ca)	11-155	MOR	SAPO-11	47-614	AEL	Sodalite, (Na,Zn,P)	45-122	SOD
Mordenite, (Ca)	44-1391	MOR	SAPO-17	47-620	ERI	Sodalite, (Na,NO3)	50-248	SOD
Mordenite, (NH4)	43-171	MOR	SAPO-17	47-621	ERI	Sodalite, (Rb,Cl)	41-73	SOD
Mordenite, (Na)	31-1268	MOR	SAPO-20	45-510	SOD	Sodalite, (Zn,As)	45-134	SOD
Mordenite, (Na,Li)	38-318	MOR	SAPO-20	47-615	SOD	Sodium Aluminum Silicate	48-731	ZZ9
Mordenite, (Rb)	44-1387	MOR	SAPO-20	47-616	SOD	Species F, (Na)	25-777	EDI
Mu-1	51-1422	ZZ9	SAPO-31	47-631	ATO	Species P1, (Na)	44-103	ZZ9
Mu-2	51-80	ZZ1	SAPO-31	47-632	ATO	Species P2, (Na)	25-778	QIS
Mu-4	51-2111	ZZ9	SAPO-34	47-429	CHA	Species P2, (Na)	25-779	QIS
NAT	44-49	NAT	SAPO-34	47-617	CHA	Sr exchanged	47-2	FAU
Na-1	35-1501	ZZ9	SAPO-35	47-622	LEV	Stellarite	25-124	STI
Na-Ba exchanged	47-1	FAU	SAPO-35	47-623	LEV	Stilbite	24-894	STI
NaX-Zeolite	47-736	FAU	SAPO-37	47-624	FAU	Stilbite, (Cu)	45-1082	STI
NaZ-21	42-21	LTN	SAPO-37	47-625	FAU	Stilbite, (Na,Ca,Cu)	45-1256	STI
Natrolite	45-1413	NAT	SAPO-40	47-626	AFB	TASO-20	46-865	SOD
Natrolite, (Ga)	33-1243	NAT	SAPO-40	47-627	AFB	TASO-20	46-866	SOD
Natrolite, (Ga)	34-583	NAT	SAPO-41	47-633	AFB	TASO-38	46-860	MOR
Natrolite, (K)	38-337	NAT	SAPO-41	47-634	AFB	TASO-38	46-861	MOR
Natural ZSM-5	50-1665	MFI	SAPO-42	47-628	LTA	TASO-48	46-862	MEL
Nepheline hydrate	10-459	JBW	SAPO-44	47-629	CHA	TASO-48	46-863	MEL
Nepheline hydrate	10-460	JBW	SAPO-44	47-630	CHA	TASO-49	46-864	MTW
Nepheline hydrate III	12-247	ZZ9	SAPO-46	50-1711	AFS	TS-NU-1, as-synthesized	52-1184	RUT
NiAPO-20	60-1699	SOD	SAPO-47	41-570	CHA	TSZ	43-313	MFI
Nonasil	42-25	NON	SAPO-5	47-618	AFI	TSZ	44-115	MFI
Nosean	17-538	SOD	SAPO-5	47-619	AFI	Terranovaite	50-1714	TER
Nu-1	43-52	RUT	SAPO-5	49-659	AFI	Terranovaite	51-1439	TER
Nu-1	47-594	RUT	SAPO-56	52-1178	AFX	Tetranatrolite	33-1205	NAT
Nu-1	47-595	ZZ9	SCS-14	47-409	ZZ9	Thomsonite	35-498	THO
Nu-1	47-596	RUT	SCS-24	50-73	ZZ9	Thomsonite	46-1448	THO
Nu-10	37-355	TON	SSZ-13	47-762	CHA	TIAPSO-11	46-847	AEL
Nu-10	39-96	TON	SSZ-16	47-763	AFX	TIAPSO-11	46-848	AEL
Nu-10	39-97	TON	SSZ-17	47-764	PHI	TIAPSO-16	46-849	AST
Nu-10	39-98	TON	SSZ-19	47-765	ZZ9	TIAPSO-18	46-850	AST
Nu-10	39-99	TON	SSZ-23	51-1377	STT	TIAPSO-34	46-851	CHA
Nu-10	44-611	TON	SSZ-24	45-130	AFI	TIAPSO-34	46-852	CHA
Nu-10	44-612	TON	SSZ-24	45-131	AFI	TIAPSO-35	46-853	LEV
Nu-10, (H)	38-194	TON	SSZ-25	46-267	MWW	TIAPSO-35	46-854	LEV
Nu-10, (K,H)	37-366	TON	SSZ-25	50-1679	MWW	TIAPSO-44	46-855	CHA
Nu-10, (K,Na)	39-95	TON	SSZ-25, calcined	51-1598	MWW	TIAPSO-5	46-845	AFI
Nu-10, (Na)	39-94	TON	SSZ-26	47-355	CON	TIAPSO-5	46-846	AFI
Nu-3	42-20	LEV	SSZ-26	47-674	CON	Ti-leucite	52-1498	ANA
Nu-3	46-749	LEV	SSZ-32	48-485	MTT	Townite	50-1541	ZZ9
Nu-3	47-705	LEV	SSZ-33	52-109	CON	TyVK-1	42-12	MEL
Nu-3	47-706	LEV	SSZ-35, as-synthesized	51-1593	STF	TyVK-1	42-13	MEL
Nu-3	47-707	LEV	SSZ-35, as-synthesized, aluminosilicate	51-1596	STF	TyVK-II	42-16	MFI
Nu-5	42-119	MFI	SSZ-35, as-synthesized, aluminosilicate	51-1596	STF	TyVK-II	42-17	MFI
Nu-5	42-120	MFI	SSZ-35, calcined	51-1594	STF	Tschernite	50-1611	TSC
Nu-6(1)	42-358	ZZ9	SSZ-44	52-115	SFF	Tschernite	46-1396	BEA
Nu-6(2)	42-359	ZZ9	SSZ-44	52-117	SFF	UCSB-10 GaZn	49-617	SET
Octadecasil	48-476	AST	STA-1	49-628	SAO	UCSB-6GaCo	49-626	SBS
Octadecasil	48-476	AST	STA-1	51-1757	SAO	UCSB-8Co	49-625	SBE
Offretite	22-803	OFF	STA-2	49-620	SAT	US-Y	42-18	FAU
Offretite	25-1186	OFF	STA-2	51-1758	SAT	USC-4	47-718	MFI
Omega	23-1894	MAZ	STA-5	51-1755	ZZ9	USI-10B	42-236	ZZ9
Omega	44-11	MAZ	STA-6	51-1754	SAS	UTD-1	50-57	DON
Pahapapite	41-1384	RHO	SUZ-2	47-407	ZZ9	UTD-1 as synthesized	52-160	DON
Purmatrolite	35-458	NAT	SUZ-2	47-408	ZZ9	UTD-2	52-103	ZZ9
Purmatrolite	42-1386	NAT	SUZ-9, as-synthesized	51-449	ZZ9	UTD-3	52-106	ZZ9
Pyrochlore	35-378	FAU	SUZ-9, calcined	52-290	ZZ9	UTD-3	52-107	ZZ9
Pyrochlore	39-1378	PAU	Saccharite	47-1741	ZZ9	UTD-5	52-104	ZZ9
Pyrochlore	50-1604	PAU	Scolite	41-1355	NAT	UTD-6	52-105	ZZ9
Pyrochlore	29-284	ZZ9	Si-NCL-1	49-673	ZZ4	UTD-6	52-108	ZZ9
Pyrochlore	39-395	LTL	SiCo-9	42-495	ZZ9	UO-7	49-631	ZON
Phase F, (Ba,Li)	30-742	EDI	Silhydrite	25-1332	ZZ9	V-NCL-1	49-674	ZZ4
Phase M, (Ba)	30-107	PHI	Silica X	34-1382	ZZ9	VPI-5	44-503	VFI
Phase M, (Ba,Li)	30-1158	PHI	Silica sodalite	51-1423	SOD	VPI-5	45-176	VFI
Phase M, (Ba,Na)	30-743	PHI	Silicalite	44-696	MFI	VPI-5	45-177	VFI
Phase N	23-1313	ZZ9	Silicalite-1, (DIPA,F)	45-738	MFI	VPI-5	46-171	VFI
Phase O	27-1335	ZZ9	Silicalite-1, (TPA,F)	45-737	MFI	VPI-5	46-651	VFI
Phase X	28-1036	FAU	Silicalite-1, (TRIPA,F)	45-738	MFI	VPI-7	46-563	VSV
Phase X1	34-717	ZZ9	Silicalite-2, (Ti)	43-55	MEL	VSI-5	39-46	ZZ9
Phase X2	31-1234	ZZ9	Silicate E	47-715	MFI	Variscite	25-18	ZZ1
Phase Y	31-1233	ZZ9	Sodalite	37-478	SOD	Variscite	33-33	ZZ1
Phillipsite	39-1375	PHI	Sodalite	46-103	SOD	Viasite	5-616	ANA
Phillipsite	61-1497	PHI	Sodalite	50-562	SOD	Vishnevite	46-1833	CAN
Pollucite	25-194	ANA	Sodalite	52-145	SOD	Wairakite	15-139	ANA
Pollucite	29-407	ANA	Sodalite	52-146	SOD	Wairakite	42-1451	ANA
Pollucite	47-471	ANA	Sodalite (F)	49-937	SOD	Wellsite	39-1376	PHI
Pollucite, (Cu)	44-47	ANA	Sodalite (Li,Cl,Be,As)	46-560	SOD	Wenite	19-1418	WEN
Pollucite, (Fe)	45-418	ANA	Sodalite (Li,Cl,Be,F)	46-561	SOD	Willhendersonite	35-643	CHA
Pollucite, (Fe)	43-1486	ANA	Sodalite, (Ag)	43-238	SOD	Yugawaralite	39-1372	YUG
RHO (Ti)	46-553	RHO	Sodalite, (Ag)	43-239	SOD	Z-21	27-1405	LTN
RUB-13	50-1677	RTH	Sodalite, (Ag,Ga)	43-240	SOD	ZK-14, (K,TMA)	37-792	CHA
RUB-13	50-1707	RTH	Sodalite, (B(OH)4)	43-250	SOD	ZK-21	27-1405	LTA
RUB-3	50-1695	RTE	Sodalite, (B(OH)4)	43-251	SOD	ZK-4	44-100	LTA
RUB-3	50-1708	RTE	Sodalite, (CN)	37-196	SOD	ZK-5	37-360	KFI
RUB-4	50-1696	ZZ9	Sodalite, (CO3)	24-1045	SOD	ZK-6	39-220	KFI
Rho	27-15	RHO	Sodalite, (Gr)	43-245	SOD	ZK-5	40-338	KFI
Rho	27-1086	RHO	Sodalite, (Ge)	43-141	SOD	ZK-5	40-339	KFI
Rho	40-337	RHO	Sodalite, (Ge)	43-241	SOD	ZK-5	44-101	KFI
Rho (Rb,Be,F)	46-552	RHO	Sodalite, (Ge)	43-242	SOD	ZK-5, (Na,Li)	41-30	KFI

Zeolite Name	PDF#	Structure Type Code	Zeolite Name	PDF#	Structure Type Code	Zeolite Name	PDF#	Structure Type Code
Zeolite ABW	44- 51	ABW	Zeolite ULM-5	49- 934	ZZ9	Zeolite ULM-5	49- 934	ZZ9
Zeolite ABW (Ti)	45- 132	ABW	Zeolite Upsilon	43- 577	ZZ1	Zeolite Upsilon	43- 577	ZZ1
Zeolite ABW (Li)	27-1211	ABW	Zeolite V	39- 191	SOD	Zeolite V	39- 191	SOD
Zeolite ABW (Li)	39- 160	ABW	Zeolite X (Ag)	38- 233	FAU	Zeolite X (Ag)	38- 233	FAU
Zeolite ABW (Li)	39- 215	ABW	Zeolite X (Ba)	38- 234	FAU	Zeolite X (Ba)	38- 234	FAU
Zeolite ABW (Li)	40- 83	ABW	Zeolite X (Ca)	38- 232	FAU	Zeolite X (Ca)	38- 232	FAU
Zeolite ABW (Li)	41- 554	ABW	Zeolite X (Ce)	38- 235	FAU	Zeolite X (Ce)	38- 235	FAU
Zeolite ABW (Li)	47- 27	ABW	Zeolite X (Ga)	43- 149	FAU	Zeolite X (Ga)	43- 149	FAU
Zeolite Al-mordenite	49- 924	MOR	Zeolite X (K)	26- 898	FAU	Zeolite X (K)	26- 898	FAU
Zeolite Al/Nu-23	49- 922	FER	Zeolite X (La)	38- 236	FAU	Zeolite X (La)	38- 236	FAU
Zeolite Barrer L (Sr)	17- 144	ZZ9	Zeolite X (NH4)	39- 139	FAU	Zeolite X (NH4)	39- 139	FAU
Zeolite Beta	47- 183	ZZ9	Zeolite X (Na)	38- 237	FAU	Zeolite X (Na)	38- 237	FAU
Zeolite Beta	48- 38	SEA	Zeolite X (Na)	39- 218	FAU	Zeolite X (Na)	39- 218	FAU
Zeolite Beta	48- 74	SEA	Zeolite X (Na)	41- 118	FAU	Zeolite X (Na)	41- 118	FAU
Zeolite CHNUAP-3	49- 917	ZZ9	Zeolite X (O)	26- 895	FAU	Zeolite X (O)	26- 895	FAU
Zeolite CHNUAP-4	49- 918	ZZ9	Zeolite Y	38- 238	FAU	Zeolite Y	38- 238	FAU
Zeolite Co(AlPO)4	49- 658	CHA	Zeolite Y	38- 239	FAU	Zeolite Y	38- 239	FAU
Zeolite Co-D	22- 170	ZZ9	Zeolite Y	38- 240	FAU	Zeolite Y	38- 240	FAU
Zeolite D (Ca)	39- 131	ZZ9	Zeolite Y (K, Ga)	40- 386	FAU	Zeolite Y (K, Ga)	40- 386	FAU
Zeolite D (Rb)	22- 787	ZZ9	Zeolite Y (K)	26- 893	FAU	Zeolite Y (K)	26- 893	FAU
Zeolite D (Rb)	38- 217	EDI	Zeolite Y (K)	26- 894	FAU	Zeolite Y (K)	26- 894	FAU
Zeolite D (Sr)	17- 757	ZZ9	Zeolite Y (K)	26- 896	FAU	Zeolite Y (K)	26- 896	FAU
Zeolite D (Sr)	18-1266	FER	Zeolite Y (K)	26- 897	FAU	Zeolite Y (K)	26- 897	FAU
Zeolite E	23-1896	EAB	Zeolite Y (K, NH4)	26- 899	FAU	Zeolite Y (K, NH4)	26- 899	FAU
Zeolite E (K)	44-1392	EAB	Zeolite Y (Na)	43- 168	FAU	Zeolite Y (Na)	43- 168	FAU
Zeolite E (Na, TMA)	35-1502	EAB	Zeolite Y (Na, Ba, P)	45- 125	FAU	Zeolite Y (Na, Ba, P)	45- 125	FAU
Zeolite ECR-18	48- 538	PAU	Zeolite Y (Na, Mg, Ba, P)	45- 127	FAU	Zeolite Y (Na, Mg, Ba, P)	45- 127	FAU
Zeolite ECR-9	48- 643	ZZ9	Zeolite Y, dealuminated	45- 112	FAU	Zeolite Y, dealuminated	45- 112	FAU
Zeolite F	44-1388	EDI	Zeolite Z	16- 612	SOD	Zeolite Z	16- 612	SOD
Zeolite F (K)	38- 216	EDI	Zeolite RHO	50-1678	RHO	Zeolite RHO	50-1678	RHO
Zeolite F (Sr)	17- 141	GME	ZnAPO-35	52-1506	LEV	ZnAPO-35	52-1506	LEV
Zeolite G (Ba)	19- 91	ZZ9						
Zeolite G (Sr)	17- 142	CHA						
Zeolite Ga-mordenite	49- 925	MOR						
Zeolite Ga/Nu-23	49- 923	FER						
Zeolite H	16- 715	PHI						
Zeolite HZSM-6	49- 657	MFI						
Zeolite I (Sr)	17- 139	ANA						
Zeolite J (Ba)	19- 92	ZZ9						
Zeolite K (Ba)	19- 93	ZZ9						
Zeolite K-F (Na)	39- 217	EDI						
Zeolite K-G1	44- 250	CHA						
Zeolite K-H	16- 692	ZZ9						
Zeolite K-I	18- 988	ZZ9						
Zeolite K-I	22- 789	ZZ9						
Zeolite K-M	30- 902	MER						
Zeolite K-Z	22- 794	ZZ9						
Zeolite KZ-1	37- 411	MTT						
Zeolite KZ-2	37- 412	TON						
Zeolite L	43- 47	LTL						
Zeolite L	43- 560	LTL						
Zeolite L	44-1393	LTL						
Zeolite L	48- 514	LTL						
Zeolite LZ-276	49- 919	ZZ9						
Zeolite LZ-276	49- 920	ZZ9						
Zeolite LZ-276	49- 921	ZZ9						
Zeolite M (Sr)	17- 138	MOR						
Zeolite MCM-22	49- 656	MWW						
Zeolite MCM-47	48- 637	ZZ9						
Zeolite MCM-48	50- 511	ZZ9						
Zeolite N	26-1988	LTN						
Zeolite N	50- 90	EDI						
Zeolite N (Sr)	17- 755	LTN						
Zeolite N-L	14- 18	GIS						
Zeolite Nu-1	49- 933	HUT						
Zeolite Nu-67	48- 89	NES						
Zeolite Nu-67 (Na)	48- 545	NES						
Zeolite OE	43- 39	ZZ9						
Zeolite P	24-1432	KFI						
Zeolite P	24-1433	KFI						
Zeolite P (Na)	40-1484	GIS						
Zeolite P (Na)	44- 52	GIS						
Zeolite P-A	38- 323	LTA						
Zeolite P-B	38- 325	GIS						
Zeolite P-C	38- 319	ANA						
Zeolite P-G	38- 321	CHA						
Zeolite P-L	38- 324	LTL						
Zeolite P-R	38- 322	CHA						
Zeolite P-W	38- 320	MER						
Zeolite P1 (Na)	39- 219	GIS						
Zeolite Phi	39- 261	ZZ9						
Zeolite Pt	34- 824	GIS						
Zeolite Q	24-1431	KFI						
Zeolite Q'	24-1434	KFI						
Zeolite Q (Sr)	17- 756	YUG						
Zeolite Q (Sr)	18-1267	YUG						
Zeolite R (Sr)	17- 143	HEU						
Zeolite Rb-M	50-1043	MER						
Zeolite Rho (Rb, Ba, Na)	45- 129	RHO						
Zeolite SCS-15	48-1060	ZZ9						
Zeolite SCS-17	48-1061	ZZ9						
Zeolite SCS-18	48-1062	ZZ9						
Zeolite SCS-19	48-1063	ZZ9						
Zeolite SCS-20	48-1064	ZZ9						
Zeolite SCS-21	48-1065	ZZ9						
Zeolite SSZ-28	49- 915	ZZ9						
Zeolite SSZ-28	49- 916	ZZ9						
Zeolite SSZ-37	49- 927	ZZ4						
Zeolite SSZ-37	49- 928	ZZ4						
Zeolite Sigma-2	40-1498	SGT						
Zeolite Sigma-2	42- 26	SGT						
Zeolite Theta-1	38- 197	TON						
Zeolite Theta-1	48- 23	TON						
Zeolite Theta-1 (Ga)	43- 320	TON						
Zeolite Theta-1 (Na, H)	37- 357	TON						

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